

# bioRxiv

**Eric Larson & Tim Donohue**

**Joint Conference on Digital Libraries**

**6.16.2008**

# Definition

“The BibApp is a Campus Research Gateway and Expert Finder.”

# BibApp Lets You

- Find experts and current collaborations happening on your campus
- Promote the research of a department, school, or research group
- Increase the impact of campus research
- Easily reuse publication data

# Mashup



# people



# directory

**WISCONSIN**  
UNIVERSITY OF WISCONSIN-MADISON

MY UW   SEARCH   PEOPLE

Home > People search

## People search

(See also: [Departmental Directory Search](#))

ian dobson

**1 match found**

**IAN DOBSON**, (608) 262-2661, [dobson@engr.wisc.edu](mailto:dobson@engr.wisc.edu) · [More information »](#)

### Search tips

The directory accepts wildcards. This will help if you are unsure of the correct spelling (for example: george jeffer\*). The search also is case-insensitive.

Visit the following pages for information about how to [update your directory listing](#) or to read the [directory FAQ](#).

[How to update a departmental directory listing.](#)

# citations

## **Journal Article**

Dobson, I., Carreras, B.A., Lynch, V.E., Nkei, B., & Newman, D.E. (2005). Estimating failure propagation in models of cascading blackouts. *Probability in the Engineering and Informational Sciences*, 19(4), 475-488.

## **Conference Proceeding**


Dobson, I., Carreras, B.A., & Newman, D.E. (2004). A branching process approximation to cascading load-dependent system failure. In *Proceedings of the 37th Annual Hawaii International Conference on System Sciences*, 5-8 Jan. 2004 (pp. 10-). Big Island: IEEE Comput. Soc.

## **Journal Article**

Dobson, I. (2003). Distance to bifurcation in multidimensional parameter space: Margin sensitivity and closest bifurcations. *Bifurcation Control: Theory and Applications*, 293, 49-66.



# citation manager

 **RefWorks** Welcome, ECE Bibliography. [Log out](#)  
University of Wisconsin, Madison 

---

References ▾ Search ▾ View ▾ Folders ▾ Bibliography Tools ▾ Help ▾ Search RefWorks

---

**Dobson I\* - comb Folder** Switch to: Standard View ▾

Use: ☒ Selected ☐ Page ☐ All in List

Sort by Ref ID ▾

Go to Page: [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#) [Last](#)

<input type="checkbox"/> Ref ID: 1257	Journal Reference 1 of 104	 Dobson I* - ev; Dobson I* - comb <a href="#">View</a> <a href="#">Edit</a> <input type="button" value="Find It"/>
Title: Perturbations of weakly resonant power system electromechanical modes		
Authors: <a href="#">Dobson, Ian</a> ; <a href="#">Barocio, Emilio</a>		
Source: <a href="#">IEEE Trans. Power Syst.</a> , 2005, 20, 1, 330-337, Institute of Electrical and Electronics Engineers Inc., Piscataway, NJ 08855-1331, United States		
<input type="checkbox"/> Ref ID: 1258	Conference Proceedings Reference 2 of 104	 Dobson I* - ev; Dobson I* - comb <a href="#">View</a> <a href="#">Edit</a> <input type="button" value="Find It"/>
Title: A branching process approximation to cascading load-dependent system failure		
Authors: <a href="#">Dobson, I.</a> ; <a href="#">Carreras, B. A.</a> ; <a href="#">Newman, D. E.</a>		
Source: 2004, 10, IEEE Comput. Soc, Big Island, HI, USA		
<input type="checkbox"/> Ref ID: 1259	Conference Proceedings Reference 3 of 104	 Dobson I* - ev; Dobson I* - comb <a href="#">View</a> <a href="#">Edit</a> <input type="button" value="Find It"/>
Title: Estimating failure propagation in models of cascading blackouts		
Authors: <a href="#">Dobson, Ian</a> ; <a href="#">Carreras, Benjamin A.</a> ; <a href="#">Lynch, Vickie E.</a> ; <a href="#">Nkei, Bertrand</a> ; <a href="#">Newman, David E.</a>		
Source: 2004, 641-646, Institute of Electrical and Electronics Engineers Inc., New York, NY 10016-5997, United States, Ames, IA, United States		
<input type="checkbox"/> Ref ID: 1260	Conference Proceedings Reference 4 of 104	 Dobson I* - ev; Dobson I* - comb <a href="#">View</a> <a href="#">Edit</a> <input type="button" value="Find It"/>
Title: Estimating failure propagation in models of cascading blackouts		
Authors: <a href="#">Dobson, I.</a> ; <a href="#">Carreras, B. A.</a> ; <a href="#">Lynch, V. E.</a> ; <a href="#">Nkei, B.</a> ; <a href="#">Newman, D. E.</a>		
Source: 2004, 641-6, IEEE, Ames, IA, USA		
<input type="checkbox"/> Ref ID: 1261	Conference Proceedings Reference 5 of 104	 Dobson I* - ev; Dobson I* - comb <a href="#">View</a> <a href="#">Edit</a> <input type="button" value="Find It"/>
Title: A branching process approximation to cascading load-dependent system failure		
Authors: <a href="#">Dobson, Ian</a> ; <a href="#">Carreras, Benjamin A.</a> ; <a href="#">Newman, David E.</a>		

<https://www.refworks.com/Refworks/>

# archival rights



...opening access to research

[Home](#) | [Guidance](#) | [Repositories](#) | [Projects](#)

## Publisher copyright policies

Found 1 publishers when searched for **IEEE**:

These summaries are for the publishers *default* policies and changes or exceptions can often be negotiated by authors.  
*All information is correct to the best of our knowledge but should not be relied upon for legal advice.*

Publisher:	<a href="#">Institute of Electrical and Electronics Engineers</a> (IEEE)
Pre-print:	✓ author can archive pre-print (ie pre-refereeing)
Post-print:	✓ author can archive post-print (ie final draft post-refereeing)
Conditions:	<ul style="list-style-type: none"><li>• Preprint - Must be removed upon publication of final version</li><li>• Preprint - Set-phrase must be added once submitted to IEEE for publication</li><li>• Preprint - Set phrase must be added when accepted by IEEE for publication</li><li>• Preprint - IEEE must be informed as to the electronic address of the pre-print</li><li>• Postprint - Publisher copyright and source must be acknowledged</li><li>• Postprint - Publishers version/PDF *must* be used</li></ul>
Mandated OA:	✓ <a href="#">Wellcome Trust</a> (Compliant); ✓ <a href="#">BBSRC</a> (Compliant); ✓ <a href="#">MRC</a> (Compliant); ✓ <a href="#">NERC</a> (Compliant)
Copyright:	See <a href="#">general policy</a> and <a href="#">copyright form</a> and <a href="#">other copyright information</a>
RoMEO:	This is a RoMEO <b>green</b> publisher
Update:	<a href="#">suggest update for this record</a>

# dspace



[About MINDS @ UW](#)

## Search DSpace

[Advanced Search](#)

[Home](#)

## Browse

[Communities  
& Collections](#)

[Titles](#)

[Authors](#)

[By Date](#)

## Sign on to:

[Receive email  
updates](#)

[My DSpace](#)  
authorized users

[Edit Profile](#)

MINDS @ UW >

## Welcome to MINDS @ UW!

## Search

Enter some text in the box below to search DSpace.

## Communities in DSpace

Choose a community to browse its collections.

[Center for Human Performance and Risk Analysis](#)

[Center for Limnology](#)

[Center for the Humanities](#)

MINDS@UW is designed to store, index, distribute, and preserve the digital materials of the University of Wisconsin. Content, which is deposited directly by UW faculty and staff, may include research papers, pre-prints, datasets, photographs, videos, learning objects, theses, student projects, conference papers, or other intellectual property in digital form. The content is then distributed through a searchable Web interface.

<http://minds.wisconsin.edu/>

1



+2



RefWorks

(or various citation  
input formats)

+3

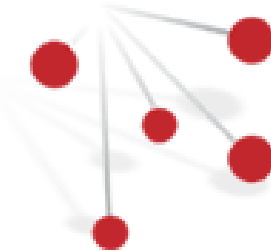
**SHERPA**  
**RoMEO**

+4



DSPACE

fedora



ejprints

# Demo #1



# Demo Outline

## \* Overview of homepage

- All data captured in application
- : 50 faculty / UW-Madison Engineering Physics department
- Tag line: We're putting X papers online (SHERPA data)
- Prominent authors on campus
- Recent citations
- Groups
- Publications
- Publishers

## \* Search: nano\*

- Explain results
- Did you mean nano?
- Filter (stays at the #citations)
- : Group "Nanoscale science and Engineering Center"
- Year "2004"
- Find It links
- "Pseudoelastic behavior of Nickel-titanium"

## \* Citation page

- APA format
- Authors
- Related articles
- Click on Crone

## \* Person page

- Research Focus (requested by all faculty)
- Groups
- Citations
- : Solr view pushed out to all views
- Print preview
- RSS
- Click on "Materials and Mechanics Research Group"

## \* Group page

- See all the members
- See the parent group (parent/child group hierarchy)
- RSS (don't show this time)
- Filter
- : Publication "Journal of the Mechanics and Physics of Solids"
- Click on Journal of the Mechanics and Physics of Solids link w/in citation

## \* Publication page

- View people who publish in the journal
- Groups
- Citations again
- Filter (solves the "who's publishing in journal X problem")
- : Year "2001"
- Show authorities (briefly discuss)
- Click on Publisher: Pergamon

## \* Publisher page

- You get the drift
- Click on Publishers

# History

# **UW – Madison**

## **OSCP**

# OSCP



- Office of Scholarly Comm. & Publishing
- Launched Summer 2005
- OSCP Service Campaigns:
  - ─ Scholarly communication instruction
  - ─ Digital publishing consulting
  - ─ Copyright assistance
  - ─ Repository assistance (local & national)
  - ─ Fund for Open Access publishing

# Campaigns...



<http://politicalrealm.blogspot.com/2008/01/picture-this.html>

# Republicans



Login Name :

Password :

Login

Help further  
President Bush's  
Agenda for America

A photograph of President George W. Bush speaking at a podium. He is wearing a dark suit and a red tie. The podium has the Presidential Seal on it. In the background, there are American flags and other people.

<https://votervault.com/vv/>

# Democrats



**VOTER ACTIVATION NETWORK**

product

success

about

contact

## More Democrats Use VAN Than Any Other Online Voter File

With real people, real campaigns and real results, Voter Activation Network has revolutionized the way our clients organize.

VAN delivers, with an easy-to-use platform that lets organizers be organizers — not tech people! That's why VAN is the most widely used online data management tool for Democrats and their allies.



Find out how the  
VAN works

Learn about how VAN  
has helped campaigns win victories

See our client list

<http://www.voteractivationnetwork.com/index.asp>

# Voter Databases

- **Microtargeting**
  - Fundraising
  - Recruitment
  - Issue tracking
  - Get out the vote

## Demographics:

*Name*

*Address*

*Phone number*

*Political party*

*Voting history*

*Ethnicity*

*Gender*

*Age*

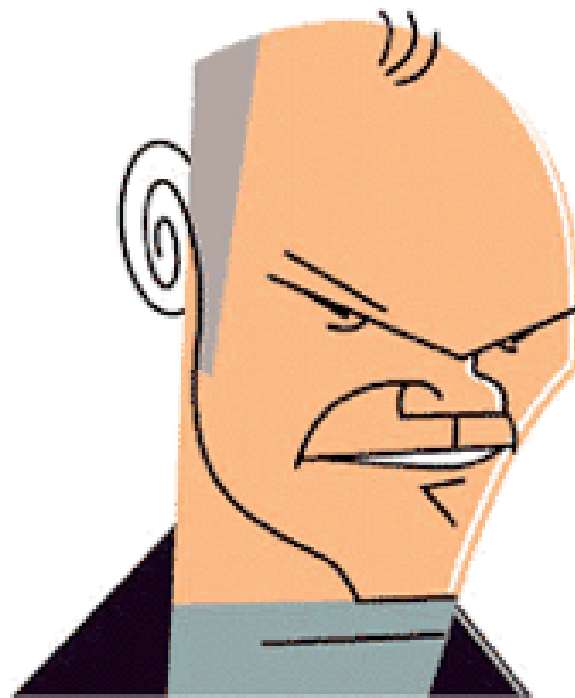
*Homeownership*

*Occupation*



## **SWAMP FEVER**

BY JAMES CARVILLE



ZACH TRENHOLM

## **SPEED KILLS**

**How Clinton's rapid-response team  
is flattening Dole**

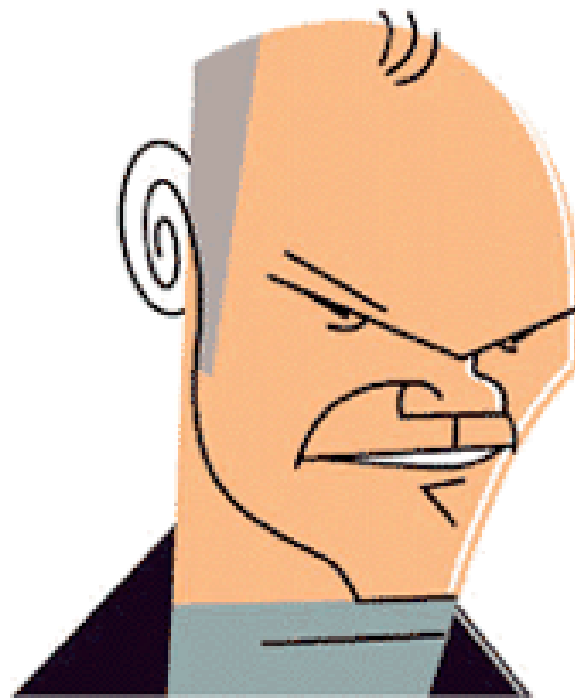
•

**back** in the campaign of 1992, we were into slogans. "The Economy, Stupid" was the most famous one to emerge from the War

<http://www.salon.com/weekly/carville961014.html>

## **SWAMP FEVER**

BY JAMES CARVILLE



ZACH TRENHOLM

### **SPEED KILLS**

**How Clinton's rapid-response team  
is flattening Dole**

•

**back** in the campaign of 1992, we were into slogans. "The Economy, Stupid" was the most famous one to emerge from the War

<http://www.salon.com/weekly/carville961014.html>



<http://www.feedyourwall.com/2008/03/change-by-shepard-fairey.html>

# Win a campaign...

- Knowledge
- Personalized message
- Speed
- Promise of change



# Expert Discovery

# Biomedical Engineering

College of Engineering

University of Wisconsin-Madison



[Home](#) : [Faculty](#) :

**Ray Vanderby, Jr.**



**Ray Vanderby, Jr.**  
Professor

- [Address/E-mail](#)
- [Program Affiliations](#)
- [Courses](#)
- [Education](#)
- [Fields of Interest](#)
- [Publications](#)
- [Additional Experience](#)
- [Summary](#)

---

## Contact Information

Module G5/360 Clinical Science Center  
600 Highland Avenue  
Madison, WI 53792

Tel: 608/263-9593  
Fax: 608/265-9144  
E-mail: [vanderby@orthorehab.wisc.edu](mailto:vanderby@orthorehab.wisc.edu)

## Program Affiliations

- [Biomedical Engineering](#)
- [Engineering Physics](#)
- [Mechanical Engineering](#)
- [Biomedical Engineering Center](#)
- [Engineering Mechanics](#)
- [Materials Science Program](#)





**For Patients  
Residents & Fellows**

**Meet the Faculty**

Robert H. Ablove, MD  
Paul A. Anderson, MD  
Geoffrey S. Baer, MD, PhD  
Harvey L. Barash, MD  
Alan L. Breed, MD  
Craig A. Dopf, MD  
William D. Engber, MD  
Ben K. Graf, MD  
Ronald P. Guiao, MD  
Jack D. Heiden, MD  
John P. Heiner, MD  
Richard Illgen II, MD  
Lee D. Kaplan MD  
James S. Keene, MD  
Gerald J. Lang, MD  
Richard H. Lange, MD  
Richard A. Lemon, MD  
Wan-Ju Li, PhD  
David C. Mann, MD  
William J. Mott, MD  
Blaise A. Nemeth, MD  
Kenneth J. Noonan, MD  
Steven L. Oreck, MD  
John F. Orwin, MD  
Laura J. Prokuski, MD  
David J. Rolnick, MD  
Kurt M. Rongstad, MD  
Matthew W. Squire, MD  
Clifford B. Tribus, MD  
Wilmot B. Valhmu, PhD  
Ray Vanderby Jr., PhD

## Ray Vanderby, Jr., PhD



### Professor of Orthopedic Surgery

K4/738 Clinical Science Center  
600 Highland Avenue  
Madison, WI 53792-7375

Office: (608) 263-9593

FAX: (608) 263-5631

 [vanderby@orthorehab.wisc.edu](mailto:vanderby@orthorehab.wisc.edu)

### Education

- PhD, Engineering, Purdue University, West Lafayette, IN, 1975

### Research Interests

Dr. Vanderby directs the work of an orthopedic research team, which includes [research staff members](#), [engineering students](#), and medical students. His research includes evaluation of normal and healing connective tissues, and their response to changes in their mechanical environment. He is also involved in tissue engineering for orthopedic applications. He is also a [Biomedical Engineering](#) faculty member.

### Active Grants

- "Ligament Healing: Role of Neuropeptides"
- "Mechanical signal transduction mechanisms of chondrocytes"

### Recent Publications

- Jensen KT, Rabago DP, Best TM, Patterson JJ, Vanderby R. **Early inflammatory response of knee ligaments to prolotherapy in a rat model.** J. Orthop. Res. 2008 Jun;26(6):816-23.  
[PubMed ID: [18240327](#)]



# Professor Ray Vanderby

University of Wisconsin  
Engineering Centers Building  
Engineering Drive  
Madison, WI 53706

[\[Main\]](#) [\[Research\]](#) [\[Publications\]](#)



Back to M+M  
Homepage

[vanderby@surgery.wisc.edu](mailto:vanderby@surgery.wisc.edu)

## Main

---

### Contact Information

Office: Engineering Centers Bldg., also  
Module G5/360 Clinical Science Center  
600 Highland Avenue  
Madison, WI 53792  
Tel: 608/263-9593 Fax: 608/265-9144  
Lab: VA Medical center and orthopedic surgery  
E-mail: [vanderby@surgery.wisc.edu](mailto:vanderby@surgery.wisc.edu)

### Affiliations

[Biomedical Engineering](#)  
[Surgery](#)  
[Engineering Mechanics](#)  
[Materials Science Program](#)

---

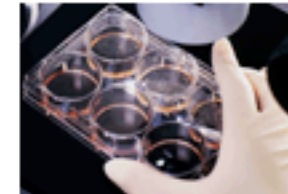
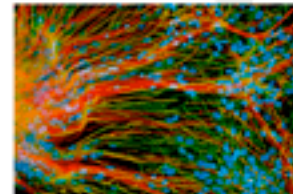
### Research Interests

Professor Vanderby is a faculty member in the department of [Surgery](#), where he directs the [Orthopedic Research Laboratories](#). He has an affiliate appointment in the Departments of Engineering Physics and Mechanical Engineering. His research focuses entirely on orthopedic biomechanics. Vanderby is particularly interested in the mechanics of ligaments, tendons and bone, and studies alterations in the mechanical properties of these tissues in response to tissue healing, changes in loadings (from





## University of Wisconsin Stem Cell & Regenerative Medicine Center

[Research](#)
[Faculty](#)
[Education](#)
[Patients & Public](#)
[Newsroom](#)

[Site Home](#)
[About the Center](#)
[Membership](#)
[Research Oversight](#)
[Affiliated Centers and Programs](#)
[National Stem Cell Bank](#)
[Make a Gift](#)
[Job Opportunities](#)
[Contact](#)

### The Vanderbilt Laboratory

[Faculty](#) > *Ray Vanderby*

#### **Ray Vanderby**

Professor, Orthopedics and Rehabilitation,  
Biomedical Engineering  
[vanderby@orthorehab.wisc.edu](mailto:vanderby@orthorehab.wisc.edu)

[Vanderby Laboratory Home Page](#)

#### **Organ System/Disease Focus**

Skeletal system tissue healing

#### **Aligned Research Focus**

Tissue regeneration of ligament, tendon, and cartilage

#### **Research Description**

I am particularly interested in orthopedic tissues (bone, ligament, tendon, cartilage, etc.). My research focuses on wound healing or regenerating these tissues via tissue



Ray Vanderby

# Tradition

► We will be redesigning our website! [Please help by taking this survey](#) (Also in: [Spanish](#), [Chinese](#), [Vietnamese](#))

[Home](#)

[Services](#)

[Research](#)

[Paths to Learning](#)

[About Us](#)

## Faculty Publications Database

College of Applied Sciences and Arts  
College of Business  
College of Education  
College of Engineering  
College of Humanities & Arts  
College of Science  
College of Social Sciences  
College of Social Work  
School of Library and Information Science  
SJSU Administration  
SJSU Library

[Home](#) > [Paths to Learning](#) > [SJSU Academic Gateway](#) > [Faculty Services](#) > Faculty Publications Database (1992-present)

## Faculty Publications Database (1992-2006)

 [Printer-Friendly](#)

Search by keyword or year:

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Y](#) | [Z](#) | [Back to listing](#)

**Adams, Michael H.** (College of Humanities & Arts - Television, Radio, Film and Theatre)

### Books

*Charles Herrold, inventor of radio broadcasting.*  
& Greb, G.B. (2003). Jefferson, NC: McFarland & Company.  
[Search the catalog](#)

*Introduction to radio: Production and programming.*  
& Massey, K. (1995). Madison, WI: Brown & Benchmark.  
[Search the catalog](#)

*Single camera video: the creative challenge.*  
(1992). Dubuque, IA: William C Brown Publishing.

[Back to top](#)



- » [Welcome](#)
- » [News](#)
- » [Upcoming Events](#)
- » [Academics](#)
- » [Career Services](#)
- » [Publications](#)
- » [Technology](#)
- » [Contact](#)

#### Law Library Links

- » [Law Library Home](#)
- » [Welcome](#)
- » [Policies](#)
- » [Hours](#)
- » [Map](#)
- » [Contact](#)

#### Research

- » [Online Catalog](#)
- » [E-Journal Locator](#)
- » [Law Databases](#)
- » [Research Guides](#)

#### Services

- » [Interlibrary Services](#)
- » [Faculty Services](#)

## Law Library

### Faculty Publications

[Faculty Publications Home](#)

#### Paul A. Lombardo

#### Book Chapters / Collected Works

Paul A. Lombardo, *The History of Ethics in Innovative Surgery: A Few Stories, Many Questions*, in *ETHICAL GUIDELINES FOR INNOVATIVE SURGERY* (Angelique Reitsma & Jonathan Moreno eds., University Publishing Group, 2006).

Paul A. Lombardo, Contributor, *TESTOSTERONE AND AGING: CLINICAL RESEARCH DIRECTIONS* (Catharyn T. Liverman & Dan G. Blazer eds., National Academies Press 2004). RA776.75 .T45 2004 | Call No. RA776.75 .T45 2004

Paul A. Lombardo, "Of Utmost National Urgency": *The Lynchburg Hepatitis Study, 1942*, in *IN THE WAKE OF TERROR: MEDICINE AND MORALITY IN A TIME OF CRISIS* (Jonathan Moreno ed., MIT Press, 2003). | Call No. R725.5 .I5 2003

Paul A. Lombardo, *A Matter of Days*, in *DEVELOPING ORGANIZATION ETHICS IN HEALTHCARE: A CASE-BASED APPROACH TO POLICY, PRACTICE, AND COMPLIANCE* (Ann E. Mills, Edward M. Spencer, & Patricia H. Werhane eds., University Publishing Group, 2001). | Call No. R724 .D479 2001

Paul A. Lombardo, *Medicine, Eugenics, and the Supreme Court: From Coercive Sterilization to Reproductive Freedom*, in *FRONTIERS IN BIOETHICS: ESSAYS DEDICATED TO JOHN C. FLETCHER* (Franklin G. Miller ed., University Publishing Group, 2000). | Call No. R724 .F757 2000



# Seton Hall University

## Faculty Publications Database

A Project of the University Library

**Publication Type**

Conference Paper

**Title**

Taxonomy Of Privatization

**Last Name**

Dall

**First Initial**

J

**School Name**

School of Business

**Department**

Economics

**Year**

2000

**Citation**

John J. Dall, Jr. and Richard Hunter. "The Taxonomy of Privatization," presented at the Central and Eastern Europe Studies Conference. Oct. 2000

[NavigateNext](#) - [NavigatePrevious](#) - [Home](#)



[A-Z Index](#) | [Contact Us](#)

Resources For  
[Prospective Students](#)  
[Current Students](#)  
[Alumni & Friends](#)  
[Faculty](#)  
[Legal Professionals](#)

Resources About  
[About the Law School](#)  
[Calendar](#)  
[Career Development](#)  
[Faculty](#)  
[Directory](#)  
[Publications](#)  
[Faculty Expertise](#)  
[Faculty Blogs](#)  
[Faculty Speaker Series](#)  
[Symposia](#)

[JD Program](#)  
[LL.M Program](#)  
[Student Life](#)  
[Supporting MU Law](#)

[University of Missouri](#)
[New Search](#)

## Master List of Publications

This online listing of publications includes a wide range of materials published by our faculty. The works span all legal specialties and often reflect an expertise in disciplines outside of law bearing on legal issues. There are links to law review articles, books, and other scholarly publications, as well as to web publications, other electronic media, and even opinion pieces written for national newspapers.

### Abrams, Douglas E.

#### Books

*Contemporary Family Law with Naomi R. Cahn, Catherine J. Ross and David D. Meyer, (Thomson/West 2006).*

| [Thomson/West](#) |

*Children and the Law - Doctrine, Policy & Practice with Sarah H. Ramsey, (3rd, Thomson/West 2007)*

| [Catalog](#) | [Thomson/West](#) |

*A Very Special Place in Life: The History of Juvenile Justice in Missouri, (Missouri Juvenile Justice Association 2003).*

| [SSRN](#) | [Catalog](#) | [Missouri Juvenile Justice Association](#) |

*Children and the Law In a Nutshell with Sarah H. Ramsey, (2nd, Thomson/West 2003).*

| [Catalog](#) | [Thomson/West](#) |

<http://law.missouri.edu/faculty/publications/>

Location: [Home](#) / [Faculty Services](#) / This Page

## Faculty Publications

Baker  
Birckhead  
Blakey  
Boger  
Broome  
Broun  
Brown  
Brown  
Bryan

Blue text indicates hyperlinks.

### [Baker, Scott](#)

#### Articles and Book Chapters

*Should We Pay Federal Circuit Judges More?*, \_\_ B.U. L. REV. \_\_ (forthcoming 2008). [SSRN](#) [BEP](#) [Press](#)

*Deterrence, Lawsuits, and Litigation Outcomes under Court Errors* (with C. Landeo and M. Nikitin), 23 J.L. ECON. & ORG. 57 (2007). [Westlaw](#)

*Discouraging Patent Holdouts through Reciprocal Commitments*, (with Doug Lichtman). American Law & Economics Association Annual Meetings. American Law & Economics Association 17th Annual Meeting. Working Paper 16. (April 2007). [BEP](#) [Press](#)

*Intellectual Property Disclosure as 'Threat'* (with P. Lee and C. Mezzetti) (Date Posted: September 8, 2007). [SSRN](#)

[http://library.law.unc.edu/faculty\\_services/new\\_faculty\\_publications.html](http://library.law.unc.edu/faculty_services/new_faculty_publications.html)



# Henley, Christopher L. *Professor*

[AFFILIATIONS](#)

**[RESEARCH](#)**

[BACKGROUND](#)

## RESEARCH

### research and scholarship focus

Theory of frustrated magnetism (classical and quantum)

Interacting electron systems

Quasicrystals

Statistical (possibly biological) physics.

### primary investigator of

[GEOMETRICAL APPROACHES TO FRUSTRATED AND MANY-BODY SYSTEMS](#) | Research Grant

[GEOMETRICAL APPROACHES TO FRUSTRATED AND/OR DILUTED ANTIFERROMAGNETS](#) | Research Grant

[THE GEOMETRY OF DISORDER: THEORETICAL INVESTIGATIONS OF QUASICRYSTALS AND FRUSTRATED MAGNETS: QUASICRYSTALS GEOMETRICS AND ENERGIES](#) | Research Grant



✦ [Physics profile](#)

✦ [Henley web page](#)



## Dr Kevin M. Tavin

341 Hopkins Hall Hopkins Hall  
128 N Oval Mall  
Columbus, OH 43210

Phone: (614) 292-0273

Email: [tavin.1@osu.edu](mailto:tavin.1@osu.edu)

### Current OSU Appointment

Associate Professor, [Art Education](#)

### Degrees

1990	B.F.A., Maryland Institute College of Art, Art Education, <i>cum laude</i>
1996	M.Ed., Towson State University, Art Education
2003	Ph.D., Pennsylvania State University, Art Education

### Positions

2005 - 2006	Associate Professor, School of the Art Institute of Chicago. Chicago, IL, United States.
2004 - 2005	Postdoctoral Fellow, The Ohio State University, College of the Arts, Art Education. Columbus, OH, United States.
2003 - 2004	Visiting Professor, The Ohio State University, College of Art. Columbus, OH, United States.
2002 - 2005	Director, School of the Art Institute of Chicago, Master of Arts in Teaching Program. Chicago, IL, United States.

<https://pro.osu.edu/>

# Selected Works of Gillian K Hadfield

[Author Home](#)[Browse Subjects](#)[Browse Article Types](#)[Series Home](#)

My research is focused on problems of legal design in market democracies. I am currently looking at how legal institutions learn over time, the role of lawyers in generating adaptive legal rules and the rule of law and how the markets for law, lawyers and dispute resolution affect the production of law. This involves questions not only of the price and quality of legal services but also of innovation in the provision of legal goods and services and the provision of the 'soft infrastructure' that supports innovative economic activity. I am also working on issues related to the democratic functions of law and the risks arising from the growth of anti-court sentiment in tort reform and alternative dispute resolution norms.

## Comparative Law and Economics



**The Levers of Legal Design: Institutional Determinants of the Quality of Law,**  
*Journal of Comparative Economics* (2008)

In the past decade a comparative law and economics literature has emerged that is largely...

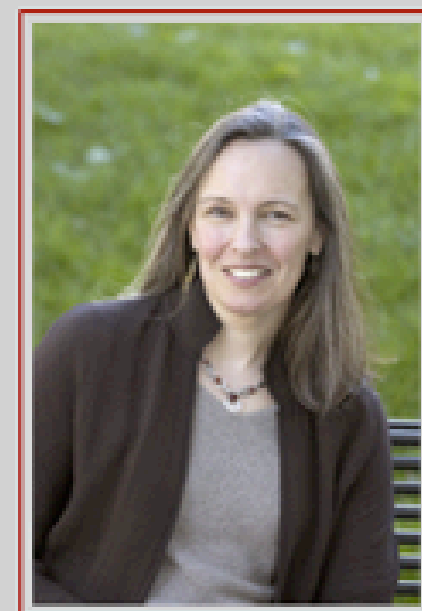


**The Role of International Law Firms and Multijural Legal Human Capital in the Harmonization of Legal Regimes** (2007)

The problem of harmonizing legal rules across multiple overlapping legal orders is, in part, a...



**The Quality of Law: Judicial Incentives, Legal Human Capital and the Evolution**



### Join My Mailing List

### Gillian K Hadfield

*University of Southern California Law*

- Kirtland Professor of Law
- Professor of Economics

<http://works.bepress.com/>



## Welcome to ResearcherID !

Researcher ID is a global, multi-disciplinary scholarly research community. Each researcher listed is assigned a unique identifier, to aid in solving the common problem of author misidentification. Search the registry to find citations, collaborators, and more.

[How to Register](#) | [FAQ](#)

### Search ResearcherID

Search for researchers in our database using one or more of these fields:

[ [more options](#) | [tips](#) ]

Last / Family Name:  *Example: Smith*

First / Given Name:  *Example: J or James*

Search

Clear

### Top 20 H

[analytical chemis](#)  
[biodiversity](#)  
[biogeography](#)  
[bioinformatics](#)  
[biomaterials](#)  
[cancer](#)  
[catalysis](#)  
[computational bio](#)  
[computational ch](#)  
[data mining](#)  
[ecology](#)  
[epidemiology](#)  
[evolution](#)  
[genomics](#)  
[machine learning](#)  
[mass spectromet](#)  
[nanoparticles](#)  
[nanotechnology a](#)  
[population genet](#)  
[systems biology](#)

[ [view more...](#) ]

[Feedback Survey](#) | [How to Register](#) | [FAQ](#)  
[Support](#) | [Privacy Policy](#) | [Terms of Use](#) | [Legal](#)

<http://www.researcherid.com/>

**Grant**

# Brittingham Foundation

- Awarded grant to expand application
  - Engineering
  - Medicine
  - Pharmacy
  - Nursing
  - English
  - Political Science
  - History
  - Sociology



# Brittingham Foundation

- Survey potential campus audiences
  - Analyze use cases
  - Define public needs
  - Define public features
  - Determine “feasibility”
- Grant funding / Pilot project ended August 2007



# Feedback

- Current publication lists important
- Little time to keep up to date
- Untenured faculty = everything
- Tenured faculty = highlighted publications
- Reuse important

**Summer 2007**

**Interviews and  
focus groups  
at UW-Madison**



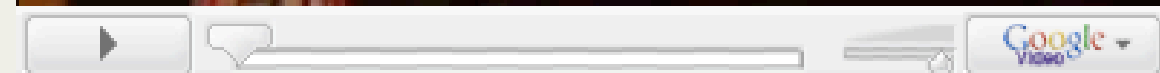
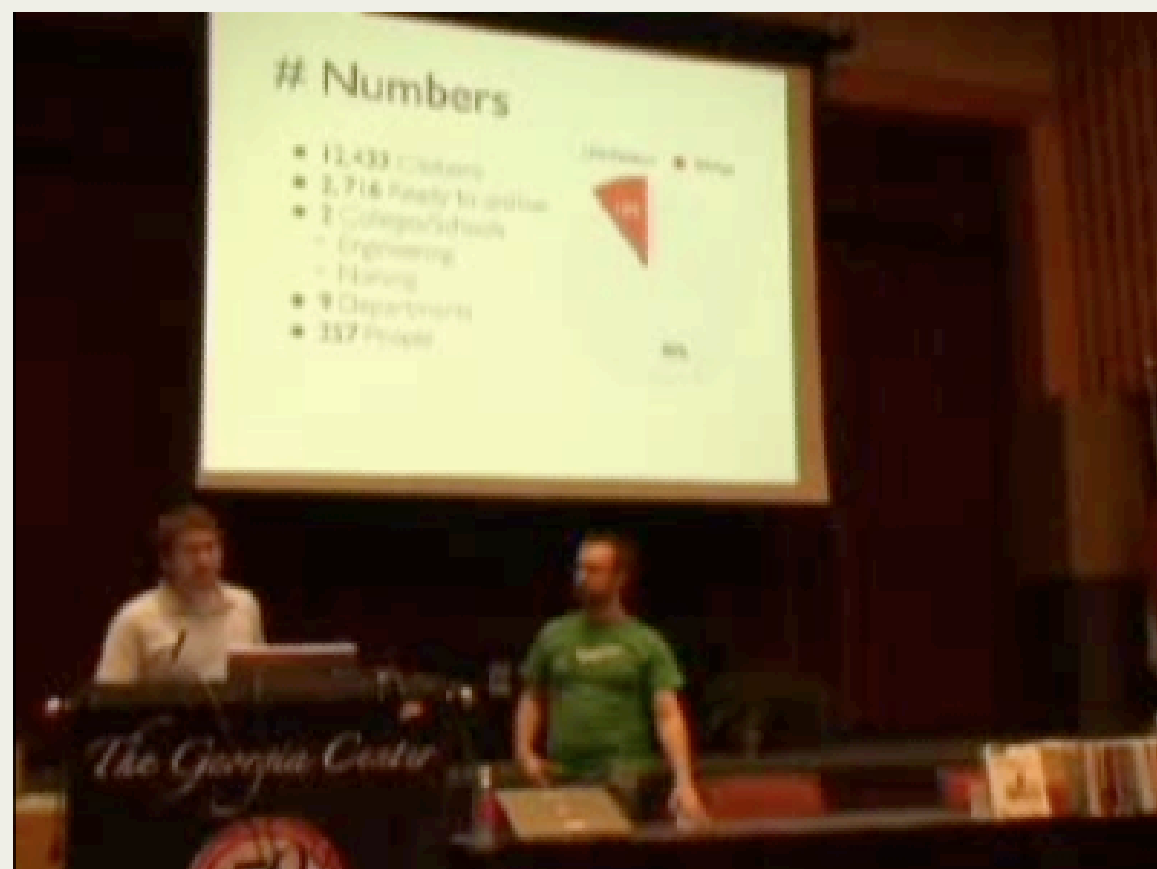
# **collaboration**

## The BibApp

Eric Larson, Nate Vack

What has your repository done for you lately? The Rails-powered BibApp is the ultimate mashup of article databases, citation management software, and digital repositories. To date, it's helped us add over 2000 articles to our repository by organizing citations, identifying articles we can archive, and generating DSpace import packages. It also lets us analyze research produced on campus, illustrating popular research topics, departmental affiliations, and collaborative relationships between researchers.

**View Video**



**Watch at Google**

**Download Video** (MP4, 49.4 MB, MSU Mirror)

**Download Audio Only** (MP3, 10.9MB, MSU Mirror)

<http://code4lib.org/2007/larson>



**Stack**

# stack



Borrowed from: <http://www.joeydevilla.com/>

Ruby on Rails

+

Solr

# Ruby on Rails

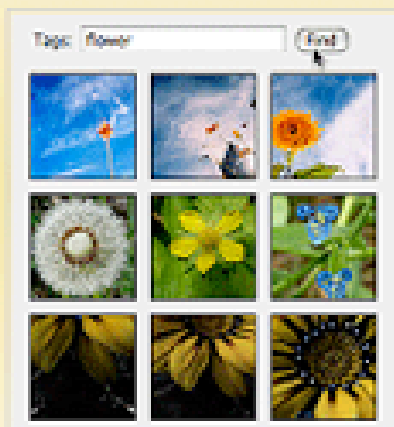


# Web development that doesn't hurt

Ruby on Rails™ is an open-source web framework that's optimized for programmer happiness and sustainable productivity. It lets you write beautiful code by favoring convention over configuration.

[Rails 2.1: Time zones, dirty, caching, gem dependencies, caching, etc](#)

## Get Excited



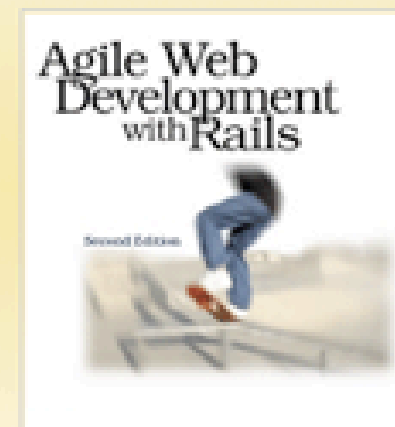
[Screencasts & presentations](#)

## Get Started



[Released May 31, 2008](#)

## Get Better



[API, Books, tutorials, samples](#)

## Get Involved



[Join the community](#)

“Ruby on Rails is a breakthrough in lowering the barriers of entry to programming. Powerful web applications that formerly might have taken weeks or months to develop can be produced in a matter of days.”

*-Tim O'Reilly, Founder of O'Reilly Media*

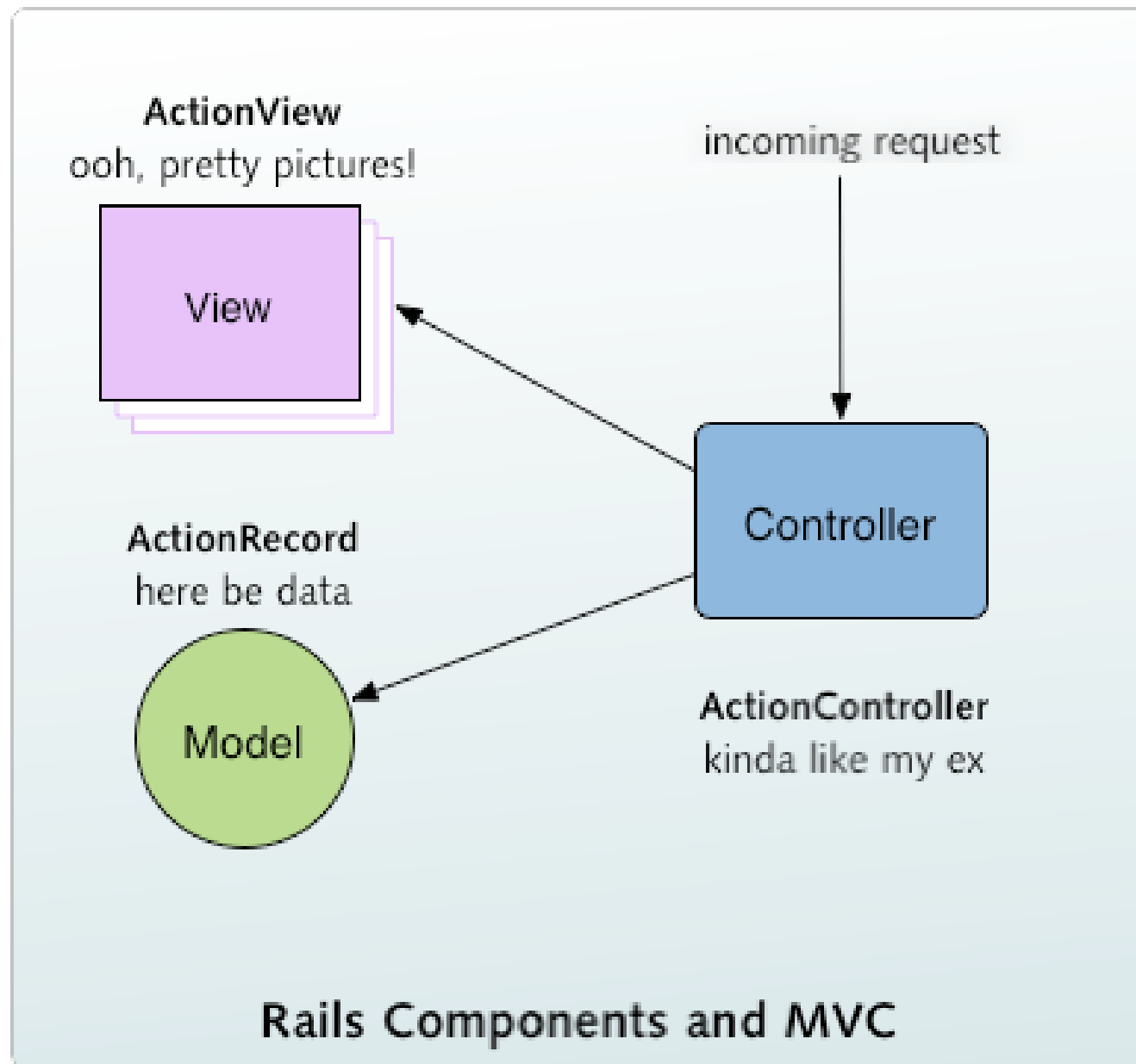
[Read more quotes](#)

**What is it?** Rails is a full stack framework for developing database

<http://rubyonrails.org/>



# Model View Controller



## Features:

*"Isolates business logic from user-interface considerations."*

*"By decoupling models and views, MVC helps to reduce the complexity in architectural design, and to increase flexibility and reuse."*

*\*Wikipedia\**

# ActiveRecord

```
x = Citation.find(
  :all,
  :order => "year desc"
)
```

## Cute Video Tutorial:

<http://www.railsenvy.com/2007/8/8/activerecord-tutorial>

## Features:

- *No Configuration*
- *Database agnostic*
- *Easy Associations*
- *Validations*
- *No (little) SQL*

# ActiveRecord

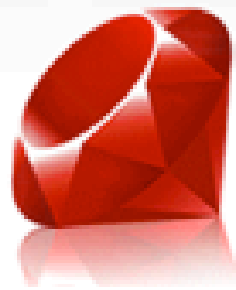
```
x = Citation.find(
  :all,
  :order => "year desc"
)
```

## Cute Video Tutorial:

<http://www.railsenvy.com/2007/8/8/activerecord-tutorial>

## Features:

- *No Configuration*
- *Database agnostic*
- *Easy Associations*
- *Validations*
- *No (little) SQL*



# Ruby

*A Programmer's Best Friend*

Search

[Downloads](#) [Documentation](#) [Libraries](#) [Community](#) [News](#) [About Ruby](#)

## Ruby is...

A dynamic, open source programming language with a focus on simplicity and productivity. It has an elegant syntax that is natural to read and easy to write.

[Read More...](#)

```
# The Greeter class
class Greeter
  def initialize(name)
    @name =
name.capitalize
  end

  def salute
    puts "Hello #{@name}!"
  end
end

# Create a new object
g = Greeter.new("world")

# Output "Hello World!"
g.salute
```



Download Ruby

### Get Started, it's easy!

[Try Ruby! \(in your browser\)](#)

[Ruby in Twenty Minutes](#)

[Ruby from Other Languages](#)

### Explore a new world...

[Documentation](#)

[Books](#)

[Libraries](#)

[Success Stories](#)

### Participate in a friendly and growing community.

[Mailing Lists](#): Talk about Ruby with programmers from all around the world.

[User Groups](#): Get in contact with Rubyists in your area.

[Weblogs](#): Read about what's happening right now in the Ruby

## Ruby 1.8.7 has been released

Akinori MURAHASHI announced today that Ruby 1.8.7 has been released.

The new version of Ruby includes many bug fixes, lots of feature enhancements backported from 1.9 and some performance improvements since 1.8.6 while maintaining stability and backward compatibility with the previous release to a high degree. See the bundled documentation for details about compatibility issues.

The source code package is available in three formats at the following locations:

<http://www.ruby-lang.org/>



# RubyGems Manuals

Your guide to packaging bliss

[bookshelf](#) | [downloads](#) | [home](#)

## Welcome

Choose a book...

[recent changes](#)

[rss 2.0](#) | [atom](#)

## Authors

[Login](#) [Signup](#)

## The RubyGems bookshelf

Select a book from the list below .

### [RubyGems User Guide](#)

Everything you need to know about using the RubyGems packaging system.

### [gem Command Reference](#)

This reference covers 'gem' version 0.8.7.

### [RubyGems Frequently Asked Questions](#)

Frequently Asked Questions about the RubyGems Packaging System.

### [RubyGems GemSpec Reference](#)

The Gem::Specification object controls the data (and metadata) that goes into a GEM

<http://rubygems.org/>

**Solr**

## About

- Welcome
- Who We Are
- Documentation
- Resources
- Related Projects

built with  
Apache Forrest

## Welcome to Solr



### What Is Solr?

### News

- [02 October 2007 - Solr at OSSummit Asia](#)
- [03 September 2007 - Lucene at ApacheCon Atlanta](#)
- [06 June 2007: Release 1.2 available](#)
- [17 January 2007: Solr graduates from Incubator](#)
- [22 December 2006: Release 1.1.0 available](#)
- [15 August 2006: Solr at ApacheCon US](#)
- [21 April 2006: Solr at ApacheCon](#)
- [21 February 2006: nightly builds](#)
- [17 January 2006: Solr Joins Apache Incubator](#)

## What Is Solr?

Solr is an open source enterprise search server based on the [Lucene Java](#) search library, with XML/HTTP and JSON APIs, hit highlighting, faceted search, caching, replication, and a web administration interface. It runs in a Java servlet container such as [Tomcat](#).

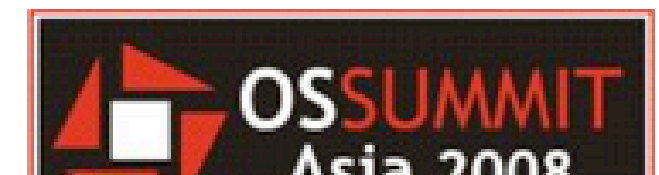
See the complete [feature list](#) for more details, then check out the [tutorial](#).

## News

### 02 October 2007 - Solr at OSSummit Asia

Lucene and Solr tutorials!

The following talks and trainings are scheduled for the upcoming 2008 OSSummit:



<http://lucene.apache.org/solr/>



## 5 Results for: nano\* partical physics

### Our Experts



3  
Crone



1  
Plesha



1  
Bisognano

### Groups

1. College of Engineering (5)
2. Engineering Physics (5)
3. Engineering Mechanics (4)
4. Biomedical Engineering (3)
5. Materials Research Science and Engineering Center (3)
6. Materials and Mechanics Research Group (3)
7. Nanoscale Science and Engineering Center (3)
8. Materials Science and Engineering (3)
9. Materials Science Program (3)
10. Geological Engineering Program

### Citations (5)

Sort by:  Show:

#### Magnetic manipulation of copper-tin nanowires capped with nickel ends

Bentley, A.K., Trethewey, J.S., Ellis, A.B., Crone, W.C.  
Nano Letters (2004)

Find It

#### Connecting atomic and nano-scale properties with MEMS performance.

Carpick, R.W., Sumant, A.V., Flater, E.E., Grierson, D.S., Plesha, M.E., more...  
Abstracts of Papers of the American Chemical Society (2004)

Find It

#### First measurements and observations from the new permanent magnet undulator at the

Wallace, D.J., Bisognano, J.J., Bissen, M., Eisert, D., Green, M.A., more...  
Review of Scientific Instruments (2002)

Find It

#### Incorporating concepts of nanotechnology into the materials science and engineering classroom and laboratory

Crone, Wendy C., Ellis, Arthur B., Payne, Amy C., Lux, Kenneth W., Bentley, Anne K., more...  
ASEE Annual Conference Proceedings (2003)

Find It

#### A course in micro- and nanoscale mechanics

Crone, Wendy C., Carpick, Robert W., Lux, Kenneth W., Johnson, Buck D., more...  
ASEE Annual Conference Proceedings (2003)

Find It

### Refine Results

#### Formats

- Journal article (3)
- Conference proceeding (2)

#### Groups

- College of Engineering (5)
- Engineering Physics (5)
- Engineering Mechanics (4)
- Biomedical Engineering (3)
- Materials Research Science and Engineering Center (3)

More Groups

#### People

- Wendy C. Crone (3)
- Joseph J. Bisognano (1)
- Michael E. Plesha (1)

#### Years

- 2004 (2)
- 2003 (2)
- 2002 (1)

## Solr Features:

### Great Search

- wildcards
- boolean search
- relevancy
- sorting

### Facets

Spelling suggestions  
Related publications  
Native Ruby results

# Features

# Authentication



We're putting 827 papers online, for free. This is true.

[Citations](#) [Groups](#) [People](#) [Publications](#) [Publishers](#)

## Login

**Username**

**Password**

☐ **Remember Me** (requires browser cookies be enabled)

[Forgot Password](#) | [Sign Up](#)

Log in

**University of Wisconsin - Madison | Wendt Library**

215 N. Randall Avenue Madison, WI 53706-1494 | Phone: 608.890.0787

## Authentication:

- *restful*  
*authentication plugin*
- *signup*
- *forgot password*
- *remember me*

## Future:

- *LDAP / AD Authen*
- *Shibboleth?*
- *OpenID?*

# Authorization



We're putting 827 papers online, for free. This is true.

[Admin](#) [Citations](#) [Groups](#) [People](#) [Publications](#) [Publishers](#)

[Add Administrators](#) [Add Editors](#)

## System-wide Roles: UW BibApp

### Administrators

1. admin (admin@myu.edu)

### Editors

No editors currently assigned.

**University of Wisconsin - Madison | Wendt Library**

215 N. Randall Avenue Madison, WI 53706-1494 | Phone: 608.890.0787

## Authorization:

- *authorization plugin*
- *roles 'cascade'*

## Roles:

- *Admin*
- *Editor*
- *Shibboleth?*
- *OpenID?*

## Permission

## Levels:

- *Entire System*
- *Group*
- *Person*



# Cascading Permissions

- Admin – create, edit, delete
- Editor – create, edit ONLY
- Cascades...
  - System
    - groups, people, citations
  - Group
    - people, citations (in that group)
  - Person
    - citations (of that person)





# Citation Import

# Phan Thiet Fish Market

Many citations in the sea...



# Formats

RIS

Medline

Refworks XML



# Citation Types

- Abstract
- Artwork
- BillsResolutions
- BookEdited
- BookSection
- BookWhole
- CaseCourtDecisions
- ComputerProgram
- ConferenceProceeding
- DissertationThesis
- DissertationThesis
- Generic
- Grant
- Hearing
- JournalArticle
- LawsStatutes
- MagazineArticle
- Map
- Monograph
- MotionPicture
- MusicScore
- NewspaperArticle
- OnlineDiscussionForum
- Patent
- PersonalCommunication
- Report
- SoundRecording
- UnpublishedMaterial
- Video
- WebPage



# Deduplication





# Dupe Keys



Title Dupe Key  
ISSN ISBN Dupe Key

# Title Dupe Key

Title +  
Year +  
Citation Type +  
Start Page

---

Title Dupe Key



nonlinearligamentviscoelasticity200 | JournalArticle908

# ISSN / ISBN Dupe Key

First Author (last name) +  
ISSN / ISBN +  
Year +  
Start Page

---

ISSN / ISBN Dupe Key



provenzano00906964200|908



# De-duplicate

Citations	Dupe Key	State
#1	A	Keep
#2	B	Keep
#3	A	Dupe
#4	A	Dupe

## Rules:

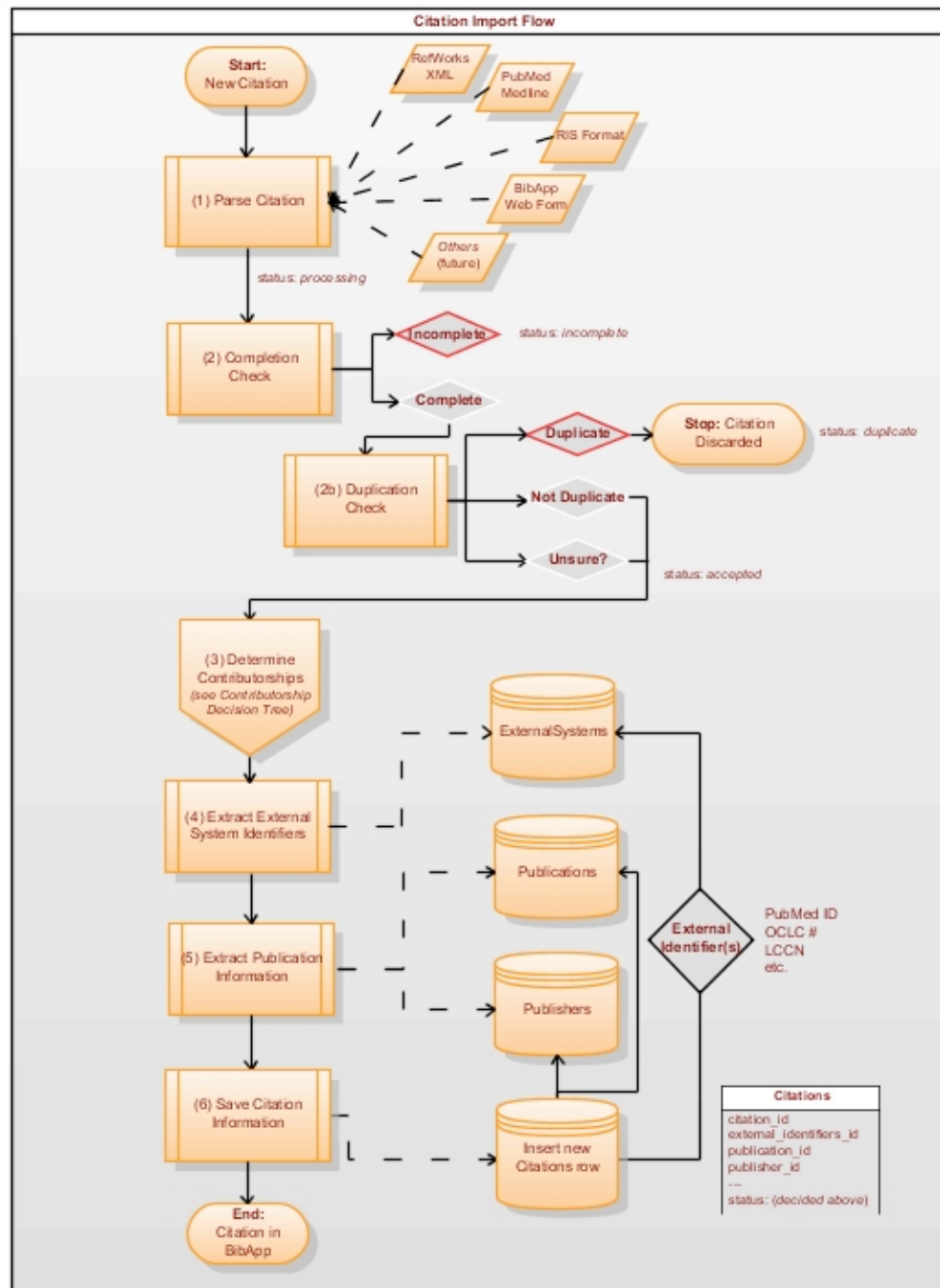
1. Each citation is validated upon entry

2. Original citation data is stored in database

3. First in wins (#1)

4. Dupes are saved, in case of error

[Visit the BibApp wiki](#) to read more about our citation deduplication process.



**RESTful**

# RErepresentational State Transfer

- Everything is a “resource” and gets a URL
- “Representations” are exchanged
- Interface to change the “state” of resources
  - (e.g.) HTTP methods
- Stateless arch.

```
GET /cats/1/stuff/2  
PUT /cats/1/stuff/2  
POST /cats/1/stuff/3  
DELETE /cats/1/stuff/2
```



[Home](#)[People](#)[Projects](#)[Forums](#)[Tools](#)[Login](#) [Register](#)

# make\_resourceful

## GENERAL

### Summary

[Journal Entries](#)[Reviews](#)[Links](#)[News](#)

## DEVELOPMENT

[Code Analysis](#)[Contributors](#)[Commits](#)[Enlistments](#)

## EDIT

[Summary](#)[Logo](#)[Tags](#)[Links](#)[Aliases](#)[RSS Feeds](#)[Edit History](#)

REST is a fine pattern for designing controllers, but it can be pretty repetitive. Who wants to write out the same actions and copy the same model lookup logic all over their application?

make\_resourceful handles all that for you. It sets up all your RESTful actions and responses with next to no code. Everything has full, sensible default functionality.

Of course, no controller only uses the defaults. So make\_resourceful can be massively customized, while still keeping your controllers trim and readable.

## Journal Entries

0 followers [+ FOLLOW](#)[TIMELINE VIEW](#)

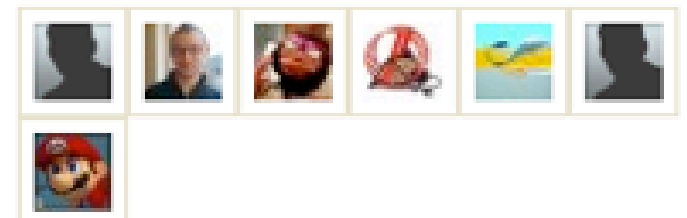
No entries yet. Link your entries with 'make\_resourceful' to include this project.

[Ohloh Analysis Summary](#)[Homepage](#)[Download](#)

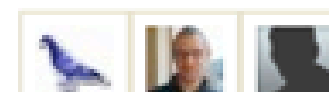
3 downloads

[Licensed under](#)  
unknown[Tagged as](#)[controller](#) [restful](#) [rubyonrails](#) [ruby](#)  
[rubygem](#) [rest](#) [plugin](#) [I edit tags](#)

## Who uses make\_resourceful?

**7**  
PeopleI USE  
THIS

## Who contributes to make\_resourceful?



[http://www.ohloh.net/projects/make\\_resourceful](http://www.ohloh.net/projects/make_resourceful)

```
class PostsController < ApplicationController
```

```
  def index
```

```
    @posts = Post.find(:all)
```

```
    respond_to do |format|
```

```
      format.html # index.rhtml
```

```
      format.xml { render :xml => @posts.to_xml }
```

```
    end
```

```
  end
```

```
  def show
```

```
    @post = Post.find(params[:id])
```

```
    respond_to do |format|
```

```
      format.html # show.rhtml
```

```
      format.xml { render :xml => @post.to_xml }
```

```
    end
```

```
  end
```

```
  def new
```

```
    @post = Post.new
```

```
  end
```

```
  def edit
```

```
    @post = Post.find(params[:id])
```

```
  end
```

```
  def create
```

```
    @post = Post.new(params[:post])
```

```
    respond_to do |format|
```

```
      if @posts.save
```

```
        flash[:notice] = 'Posts was successfully created.'
```

```
        format.html { redirect_to post_url(@post) }
```

```
        format.xml { head :created, :location => post_url(@post) }
```

```
      else
```

```
        format.html { render :action => "new" }
```

```
        format.xml { render :xml => @post.errors.to_xml }
```

```
      end
```

```
    end
```

```
  end
```

```
  def update
```

```
    @post = Post.find(params[:id])
```

```
    respond_to do |format|
```

```
      if @post.update_attributes(params[:post])
```

```
        flash[:notice] = 'Posts was successfully updated.'
```

```
        format.html { redirect_to post_url(@post) }
```

```
        format.xml { head :ok }
```

```
      else
```

```
        format.html { render :action => "edit" }
```

```
        format.xml { render :xml => @post.errors.to_xml }
```

```
      end
```

```
    end
```

```
  end
```

```
  def destroy
```

```
    @post = Post.find(params[:id])
```

```
    @post.destroy
```

```
    respond_to do |format|
```

```
      format.html { redirect_to posts_url }
```

```
      format.xml { head :ok }
```

```
    end
```

```
  end
```

```
end
```

[http://www.hamptoncatlin.com/assets/2007/5/21/make\\_resourceful.pdf](http://www.hamptoncatlin.com/assets/2007/5/21/make_resourceful.pdf)

```
class PostsController < ApplicationController  
  make_resourceful do  
    build :all  
  end  
end
```

[http://www.hamptoncatlin.com/assets/2007/5/21/make\\_resourceful.pdf](http://www.hamptoncatlin.com/assets/2007/5/21/make_resourceful.pdf)

## Michael L Corradini

Email: [corradini@engr.wisc.edu](mailto:corradini@engr.wisc.edu) · Phone: (608) 263-1648



### Research Focus

Professor Corradini is a mechanical and nuclear engineer with research interests centered primarily in thermal hydraulics and multiphase flow. He especially emphasizes the areas of reactor operation, reactor safety, waste reprocessing, and recycle and risk assessment. He is director of the college's Wisconsin Institute of Nuclear Systems.

### Groups

[College of Engineering](#)
[Engineering Physics](#)
[Nuclear Engineering and Engineering Physics](#)  
[Fusion Technology Institute](#)
[Mechanical Engineering](#)
[Institute for Environmental Studies](#)  
[Biotechnology Center](#)
[Engine Research Center](#)

### Co-authors at UW-Madison



12

Bonazza



9

Moses



7

Kulcinski



5

Vogelsang



3

Mackie



3

Witt



3

Emmert



This XML file does not appear to have any style information associated with it. The document tree

```
- <person>
  <prefix/>
  <name>Michael L Corradini</name>
  <office-zip>53706</office-zip>
- <groups type="array">
  - <group>
    <name>College of Engineering</name>
    <id type="integer">1</id>
  </group>
  - <group>
    <name>Engineering Physics</name>
    <id type="integer">2</id>
  </group>
  - <group>
    <name>Nuclear Engineering and Engineering Physics</name>
    <id type="integer">5</id>
  </group>
  - <group>
    <name>Fusion Technology Institute</name>
    <id type="integer">10</id>
  </group>
  - <group>
    <name>Mechanical Engineering</name>
    <id type="integer">11</id>
  </group>
  - <group>
    <name>Institute for Environmental Studies</name>
    <id type="integer">19</id>
  </group>
```

# YAML

```
1 ---
2 person:
3   prefix: ""
4   name: Michael L Corradini
5   office_zip: "53706"
6   groups:
7     - name: College of Engineering
8       id: 1
9     - name: Engineering Physics
10      id: 2
11     - name: Nuclear Engineering and Engineering Physics
12      id: 5
13     - name: Fusion Technology Institute
14      id: 10
15     - name: Mechanical Engineering
16      id: 11
17     - name: Institute for Environmental Studies
18      id: 19
19     - name: Biotechnology Center
20      id: 20
21     - name: Engine Research Center
22      id: 21
23   research_focus: Professor Corradini is a mechanical and nuclear engineer with research interests centered primarily
24   office_state: WI
25   office_city: Madison
26   im: ""
27   office_address_line_two: Madison Wi 53706
28   id: 1
29   contributorships:
30     - citation_id: 856
31     - citation_id: 860
32     - citation_id: 1284
33     - citation_id: 1297
34     - citation_id: 1311
35     - citation_id: 1522
36     - citation_id: 1557
```

# JSON

```
1 {~
2   "person": {~
3     "prefix": "", ~
4     "name": "Michael L Corradini", ~
5     "office_zip": "53706", ~
6     "groups": [~
7       {~
8         "name": "College of Engineering", ~
9         "id": 1~
10      }, ~
11      {~
12        "name": "Engineering Physics", ~
13        "id": 2~
14      }, ~
15      {~
16        "name": "Nuclear Engineering and Engineering Physics", ~
17        "id": 5~
18      }, ~
19      {~
20        "name": "Fusion Technology Institute", ~
21        "id": 10~
22      }, ~
23      {~
24        "name": "Mechanical Engineering", ~
25        "id": 11~
26      }, ~
27      {~
28        "name": "Institute for Environmental Studies", ~
29        "id": 19~
30      }, ~
31      {~
32        "name": "Biotechnology Center", ~
33        "id": 20~
34      }, ~
35      {~
36        "name": "Engine Research Center", ~
```

This XML file does not appear to have any style information associated with it. The document tree is shown below

```

- <mets LABEL="BibApp SWORD package" OBJID="sword-mets" PROFILE="DSpace METS SIP Profile 1.0"
  xsi:schemaLocation="http://www.loc.gov/METS/ http://www.loc.gov/standards/mets/mets.xsd">
- <metsHdr CREATEDATE="2008-06-12T20:55:43">
- <agent ROLE="CREATOR" TYPE="OTHER">
  <name>BibApp</name>
</agent>
</metsHdr>
- <dmdSec CREATED="2008-06-03T14:57:10" ID="sword-mets-dmd-5011">
- <mdWrap LABEL="SWORD Metadata - EPrints DC XML schema" MDTYPE="OTHER" MIMETYPE="text/xml"
  OTHERMDTYPE="EPDCX">
- <xmlData>
- <epdcx:descriptionSet xsi:schemaLocation="http://purl.org/eprint/epdcx/2006-11-16/ http://purl.org/eprint/epdcx/xsd/2006-11-16
  /epdcx.xsd">
- <epdcx:description epdcx:resourceId="sword-mets-epdcx-5011">
  <epdcx:statement epdcx:propertyURI="http://purl.org/dc/elements/1.1/type" epdcx:valueURI="http://purl.org/eprint/entityType
  /ScholarlyWork"/>
- <epdcx:statement epdcx:propertyURI="http://purl.org/dc/elements/1.1/title">
- <epdcx:valueString>
  8 W continuous wave front-facet power from broad-waveguide Al-free 980 nm diode lasers
</epdcx:valueString>
</epdcx:statement>
- <epdcx:statement epdcx:propertyURI="http://purl.org/dc/elements/1.1/subject">
  <epdcx:valueString>Semiconductor lasers</epdcx:valueString>
</epdcx:statement>
- <epdcx:statement epdcx:propertyURI="http://purl.org/dc/elements/1.1/subject">
  <epdcx:valueString>INDIUM COMPOUNDS</epdcx:valueString>
</epdcx:statement>
- <epdcx:statement epdcx:propertyURI="http://purl.org/dc/elements/1.1/subject">
  <epdcx:valueString>gallium arsenide</epdcx:valueString>

```

**SWORD**

# SWORD is...



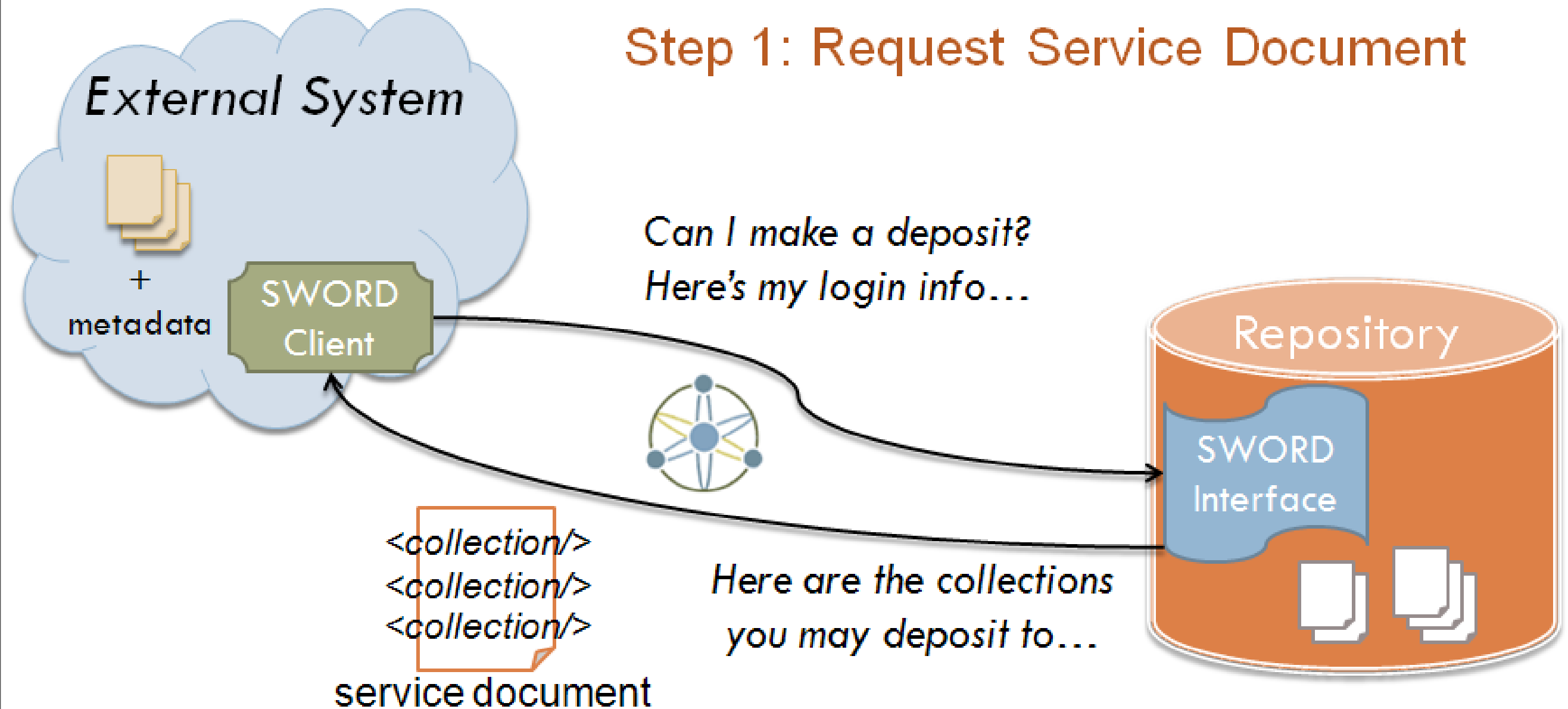
- Simple Web-service Offering Repository Deposit
- a Protocol:
  - Allows external system / program to deposit items directly into DSpace
  - A Profile of the Atom Publishing Protocol  
<http://AtomEnabled.org/>
- a Common “Standard”:
  - DSpace, Fedora, EPrints are all adopting SWORD



# How SWORD works...



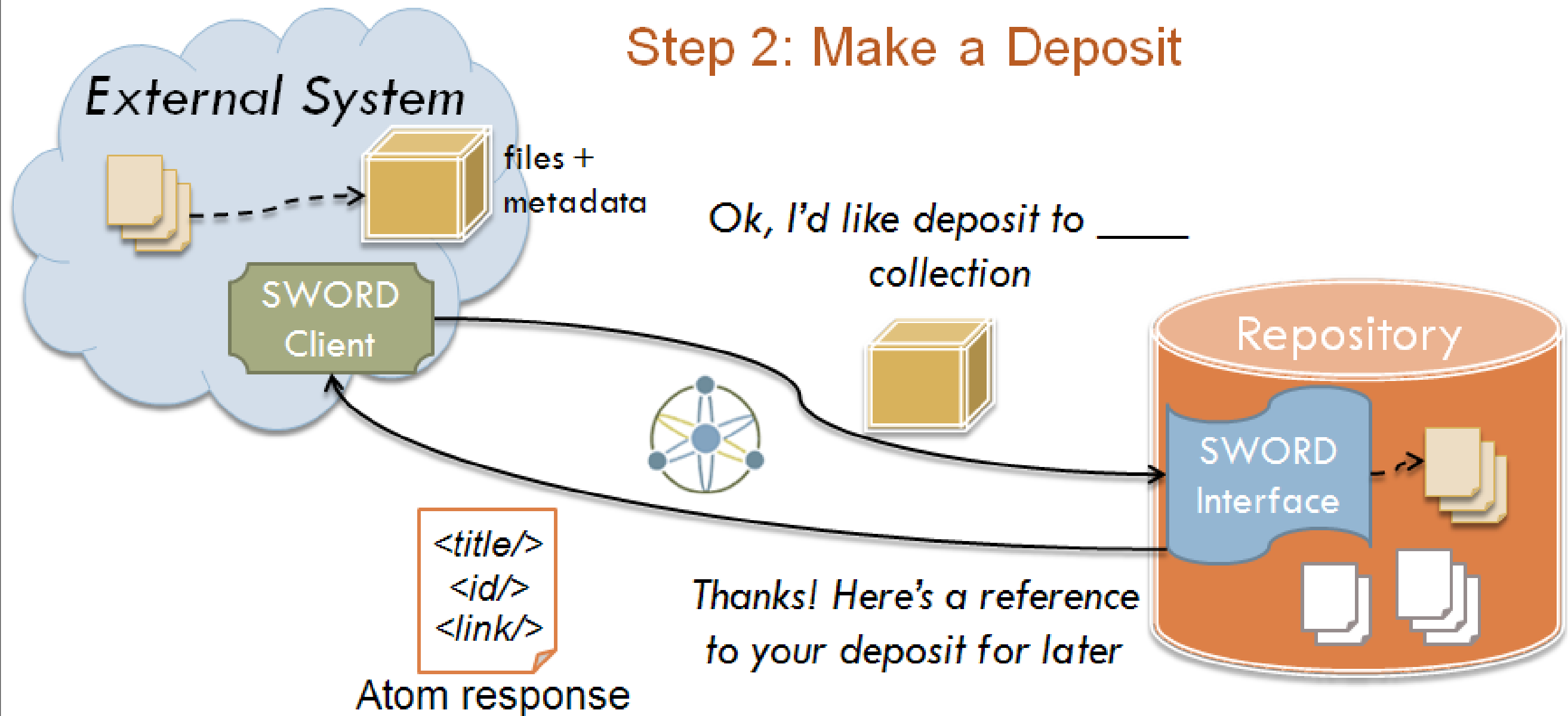
## Step 1: Request Service Document



# How SWORD works...



## Step 2: Make a Deposit





At the library, we ♥ our researchers.

### People



10

Althaus



7

Tewksbury



5

Caughlin



5

Clark



4

Harrison



4

Finnegan



3

Gill



3

Brashers



3

Conley



3

Dixon

### Citations

#### Anthropology before anthropology

Liebersohn, Harry Kuklick, H.  
*Unknown* (2008)

[Find It](#)

#### Genealogies of Orientalism: History, Theory, Politics

Prochaska, David Burke, Edmund, III  
*Unknown* (2008)

[Find It](#)

#### The dark side of relational uncertainty: Obstacle or opportunity

Knobloch, L.K. Spitzberg, B. Cupach, W.  
*Unknown* (2007)

[Find It](#)

### Groups

[Speech Communication](#) (13)

[More...](#)

### Publications

[Human Communication Research](#) (32)

[Communication Monographs](#) (28)

[Communication Research](#) (20)

[Journal of Communication](#) (16)

### Publishers

[Routledge](#) (113)

[Sage Publications](#) (111)

[Blackwell Publishing](#) (94)

[Cambridge University Press](#) (63)

## Upload Content File

Attaching to Journal article:

Althaus, S.L. (2003). When news norms collide, follow the lead: new evidence for press independence. *Political Communication* 20 (4), 381-414.

Upload File(s): [\[Add More Files\]](#)

☐ I agree to the terms of the [Deposit License](#) for IDEALS DEVELOPMENT REPOSITORY

IDEALS Deposit Agreement: Non-Exclusive Distribution and Preservation License  
<http://ideals.uiuc.edu/>

To properly administer the Illinois Digital Environment for Access to Learning and Scholarship (IDEALS) and preserve the contents for future use, the Board of Trustees of the University of Illinois on behalf of its Urbana-Champaign campus (the "University") requires certain permissions and warrants from you, the author(s) and/or copyright owner. If you are the copyright owner, by accepting this license, you still retain copyright to your work and do not give up the right to submit the work to publishers or other repositories. If you are not the copyright owner, you represent that the copyright owner has given you permission to deposit the work.

(1) Metadata from within BibApp

(2) Deposit License & Repository Name pulled in via SWORD

(3) Uploaded files & metadata are sent to Repository via SWORD

# BibApp's SWORD Caveats

- Administrator must approve deposit
- Single Collection
- Single Login
- Future:
  - Choose collections?
  - Additional logins?



**SHERPA / ROMEO**

## Publisher copyright policies & self-archiving

Use this site to find a summary of permissions that are normally given as part of each publisher's copyright transfer agreement.

### Search

Search ☒ **Journal titles** ☐ **Publisher names**

for

find ☐ **contains** or ☒ **starts with** or ☐ **Exact phrase only** ☐ **ISSN**

### Browse

- [All publishers](#)
- [Green publishers](#)
- [Blue publishers](#)
- [Yellow publishers](#)
- [White publishers](#)

[What the colours mean.](#)

This service is maintained by SHERPA, with support from [JISC](#) and the [Wellcome Trust](#). It is a development of the original journal publishers' listings produced by the [RoMEO Project](#). Journal information is kindly provided by the British Library's [Zetoc](#) service hosted by MIMAS. The information held here is available for use by third-parties under [conditions for re-use](#) and a Creative Commons licence. See a [list of sites](#) that are already using RoMEO data. A [prototype API](#) is available and being developed for m2m access: for example to be integrated into a repository's deposit process. [Statistics](#) are available for RoMEO colours allocated to the publishers in this list. [Contact us](#) for further information.

Publisher information is updated by our collaborative colleagues ([SHERPA Partners](#), [DINI](#), and [Nereus](#)) and through community contributions - please submit any updates using the link provided on the search results pages. If a publisher is not listed here you may wish to [recommend that we include it](#). Please note that these listings refer to journal publications and not to book publications. Consult the publishing contract, or contact publishers directly for their self-archiving policies for book chapters.

Please note that general use of the terms pre-print and post-print can vary: these lists follow accepted definitions for self-archiving purposes. These listings are primarily for the use of the academic research community and any information given is from this perspective.

<http://www.sherpa.ac.uk/romeo.php>

## Gerald L Kulcinski

Email: [kulcinsk@engr.wisc.edu](mailto:kulcinsk@engr.wisc.edu) · Phone: (608) 263-1601













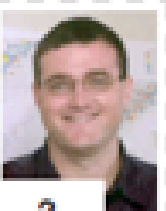


### Research Focus

Professor Kulcinski's research involves developing fusion reactors as future sources of clean, safe and economical energy. His specific interests are in using advanced fuels such as D-3He to generate electricity. The D-3He fuel cycle has on the order of 1 percent of its energy in neutrons instead of the 80 percent typical of the DT cycle.

### Groups

[College of Engineering](#) [Engineering Physics](#) [Nuclear Engineering and Engineering Physics](#)  
[Fusion Technology Institute](#)

### Co-authors at UW-Madison

 31 Emmert	 29 Moses	 17 Vogelsang	 13 Blanchard	 7 Corradini	 6 Boom	 5 Schmitt
 4 Witt	 4 Callen	 3 Henderson	 2 Wilson	 1 Carbon	 1 Conrad	



## Archival Analysis: Gerald L Kulcinski

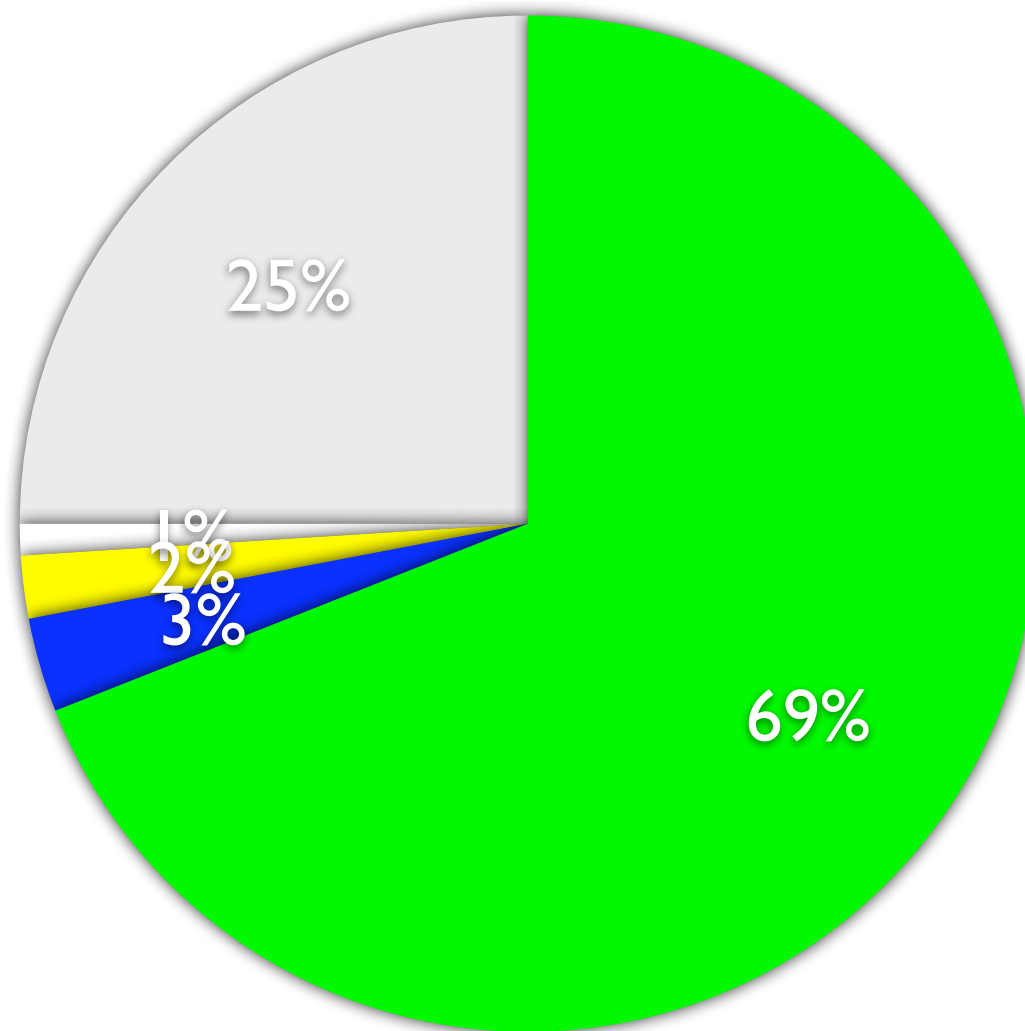
Count	Percentage	Color	Archiving Policy
1	0%	Blue	Can archive post-print (ie final draft post-refereeing)
131	39%	Green	Can archive pre-print and post-print
187	55%	Unknown	Could not determine from data
7	2%	White	Archiving not formally supported
12	4%	Yellow	Can archive pre-print (ie pre-refereeing)
338	Total		

## Publications

Count	Color	Name	Publisher
61	Green	Journal of Nuclear Materials	Elsevier
43	Unknown	Fusion Science and Technology	American Nuclear Society
16	Unknown	Journal of Nuclear Materials	Unknown
13	Unknown	Journal of Metals	Minerals, Metals and Materials Society, Warrendale, PA 15086, United States
9	Unknown	Fusion Science and Technology	Unknown
9	Unknown	Nuclear Technology-Fusion	American Nuclear Society
7	Yellow	Nuclear Fusion	International Atomic Energy Agency
7	Green	Nuclear Engineering and Design	Elsevier
7	Unknown	Transactions of the American Nuclear Society	Unknown
6	Unknown	Unknown	North-Holland

# College of Engineering

● Green ● Blue ● Yellow White ● Unknown

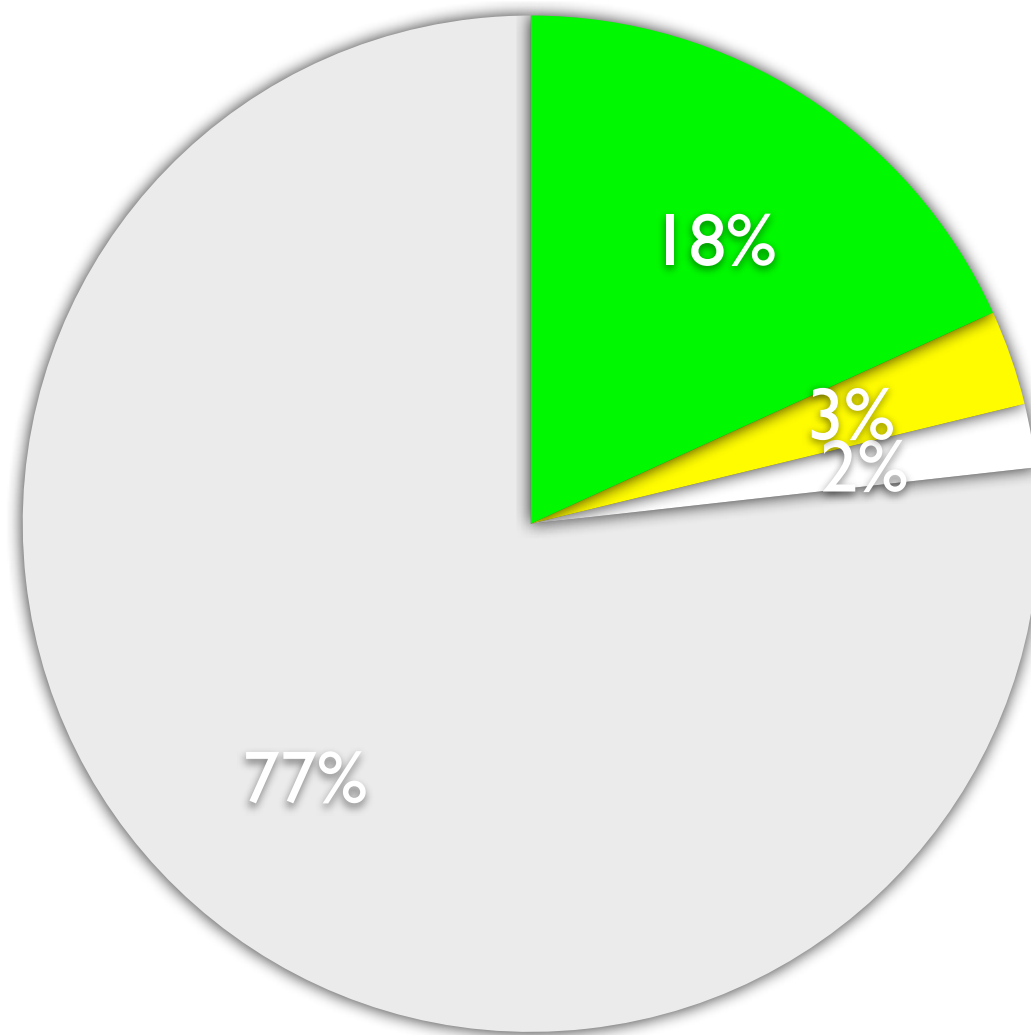


Information from  
**SHERPA**  
**RoMEO**



# School of Nursing

● Green ● Blue ● Yellow White ● Unknown



Information from  
**SHERPA**  
**RoMEO**

# Authorities

simple authorities

# **citation**

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

# publication

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

# publications

Name	ISSN
Fusion Engineering and Design	0920-3796
Fusion Eng. Des. (Netherlands)	0920-3796
Fusion Engineering and Design	
Fusion Eng.Des.	0920-3796
Fusion Eng. Des. (Switzerland)	0920-3796
Fusion Eng.Des.	

Engineering Physics:  
50 faculty = **682** unique publication strings

## ADMIN::Publications (W) - Add

### Select and Add Authority

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Select	ISSN / ISBN	Title	Publisher	<input type="button" value="Set Authority"/>
<a href="#">select</a>	0043-1648	<a href="#">Wear</a>	Elsevier	<a href="#">make authority</a>
<a href="#">select</a>	0192-4990	<a href="#">Wear of Materials: International Conference on Wear of Materials</a>	American Society of Mechanical Engineers	<a href="#">make authority</a>
<a href="#">remove</a>	1022-0038	<a href="#">Wirel.Netw.</a>	Springer Verlag	<a href="#">make authority</a>
<a href="#">remove</a>	1022-0038	<a href="#">Wireless Networks</a>	Springer Verlag	<a href="#">Authority!</a>
<a href="#">remove</a>	1022-0038	<a href="#">Wireless Networks</a>	Kluwer	<a href="#">make authority</a>
<a href="#">select</a>	0043-6542	<a href="#">Wisconsin medical journal</a>	Unknown	<a href="#">make authority</a>
<a href="#">select</a>	0735-6161	<a href="#">Wood and Fiber Science</a>	SOC WOOD SCI TECHNOL	<a href="#">make authority</a>
<a href="#">select</a>	0043-7719	<a href="#">Wood Science and Technology</a>	Springer Verlag	<a href="#">make authority</a>
<a href="#">select</a>	1790-1979	<a href="#">WSEAS Transactions on Advances in Engineering Education</a>	WSEAS	<a href="#">make authority</a>

Select records

Select authority

# **publishers**

Name
American Institute of Physics
AMER INST PHYSICS
American Institute of Physics Inc
AIP
American Institute of Physics Inc., Woodbury, NY, USA
Publ by American Inst of Physics, Woodbury, NY, USA

Engineering Physics:  
50 faculty = **550** unique publisher strings

## ADMIN::Publishers (I) - Add

### Select and Add Authority

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Select records		Select authority	
Select	Title	Source	<input type="button" value="Set Authority"/>
<a href="#">select</a>	IAEA - 23	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	IEE - 2	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	IEE, Stevenage, Engl - 9	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	IEE-INST ELEC ENG - 2	Imported Data	<a href="#">make authority</a>
<a href="#">remove</a>	IEEE Comput. Soc - 3	Imported Data	<a href="#">make authority</a>
<a href="#">remove</a>	IEEE Comput. Soc. Press - 6	Imported Data	<a href="#">make authority</a>
<a href="#">remove</a>	IEEE COMPUTER SOC - 9	Imported Data	<a href="#">make authority</a>
<a href="#">remove</a>	IEEE Computer Society - 1	Imported Data	<a href="#">Authority!</a>
<a href="#">select</a>	IEEE Nucl and Plasma Sci Soc - 1	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	IEEE, Los Alamos, CA, USA - 1	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	Illinois Inst. Technol - 1	Imported Data	<a href="#">make authority</a>
<a href="#">select</a>	Imperial College Press - 0	Sherpa	<a href="#">make authority</a>
<a href="#">select</a>	Inderscience - 0	Sherpa	<a href="#">make authority</a>



# numbers

Engineering Physics	Count (un-duped)
People	50
Citations	3,044 (4,727)
Name Strings	23,081
Citation Name Strings	4,615
Publications	682 (1960)
Publishers	550 (792)

# **Author Disambiguation**

# **citation**

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

Engineering Physics:

50 faculty = 3,044 unique citations

# people

**Vlahos, V., Morgan, D., & Booske, J.H.**  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

~~people~~

**Vlahos, V., Morgan, D., & Booske, J.H.**  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

# name strings

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

# people



Vanderby, Ray Jr

Pen Names
Vanderby, R.
Vanderby, Ray
Vanderby, R., Jr
Vanderby, R. Jr.
Vanderby R., Jr
Vanderby, Ray Jr

Engineering Physics:  
50 faculty = 4,615 unique name strings

# name strings

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.



# **citation name strings**

# **23,081**

**Engineering Physics:**

**50 faculty = 23,081 citation name strings**



**citation  
name strings**

**1,000,000**

**UW-Madison:**

**2054 faculty = 1,000,000+ citation name strings**

## DANE MORGAN [Edit](#)



[College of Engineering](#) Assistant Professor  
[Materials Science and Engineering](#) Assistant Professor  
 1509 Materials Sci&Engr Bldg  
 1509 University Ave  
 Madison WI 53706-1538  
 Phone: 6082655879  
 Email: [ddmorgan@wisc.edu](mailto:ddmorgan@wisc.edu)



[Add to Address Book](#)

## Who I'm Publishing With At UW

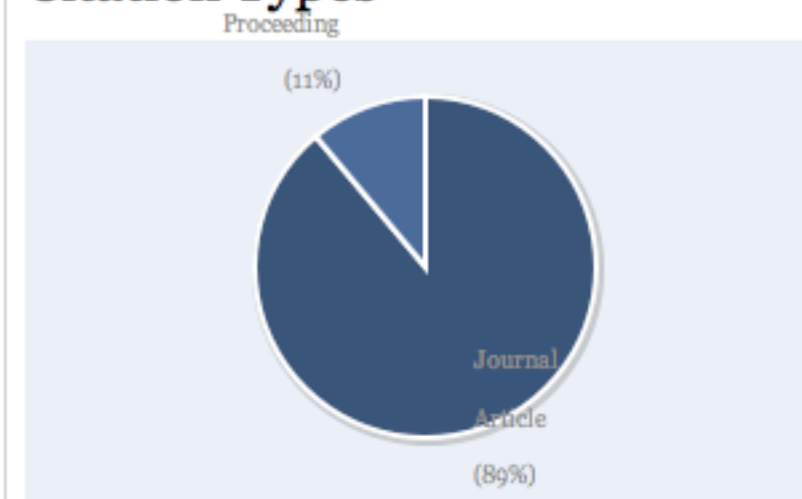
### People

2 [Xiaochun LI](#)  
 1 [David Anderson](#)  
 1 [Joseph Talmadge](#)  
 1 [Daniel Vanderweide](#)  
 1 [James Smith](#)

### Groups

18 [College of Engineering](#)  
 18 [Materials Science and Engineering](#)  
 2 [Mechanical Engineering](#)  
 1 [Electrical and Computer Engineering](#)

## Citation Types



## Popular research topics:

4 [humanities multidisciplinary](#)  
 3 [electrochemistry](#)  
 2 [materials science coatings films](#)  
 2 [noise](#)  
 2 [microstrip detectors](#)  
 2 [binary readout](#)  
 2 [electronics](#)  
 2 [instruments instrumentation](#)  
 2 [communication technology](#)



## DANE MORGAN [Edit](#)



[College of Engineering](#) Assistant Professor  
[Materials Science and Engineering](#) Assistant Professor

1509 Materials Sci&Engr Bldg  
1509 University Ave  
Madison WI 53706-1538  
Phone: 6082655879

Email: [ddmorgan@wisc.edu](mailto:ddmorgan@wisc.edu)



[Add to Address Book](#)

## Who I'm Publishing With At UW

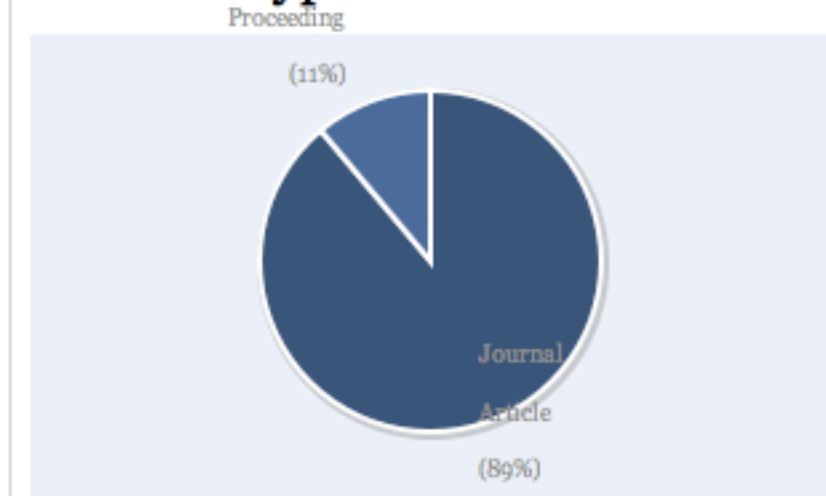
### People

2 [Xiaochun LI](#)  
1 [David Anderson](#)  
1 [Joseph Talmadge](#)  
1 [Daniel Vanderweide](#)  
1 [James Smith](#)

### Groups

18 [College of Engineering](#)  
18 [Materials Science and Engineering](#)  
2 [Mechanical Engineering](#)  
1 [Electrical and Computer Engineering](#)

## Citation Types



## Popular research topics:

4 [humanities multidisciplinary](#)  
3 [electrochemistry](#)  
2 [materials science coatings films](#)  
2 [noise](#)  
2 [microstrip detectors](#)  
2 [binary readout](#)  
2 [electronics](#)  
2 [instruments instrumentation](#)  
2 [nanoscale technology](#)



**Dane D Morgan**  
Engineering



**David O Morgan**  
History

# Algorithm

Field	Value	Score
Years	25	If matches = 25 pts
Publications	25	If matches = 25 pts
Collaborators	25	$(25/\text{total}) * \text{matching}$
Keywords	25	$(25/\text{total}) * \text{matching}$

## ADMIN::Contributions

- Ab initio study of the composition dependence of the pressure-induced spin crossover in perovskite (Mg<sub>1-x</sub>Fe<sub>x</sub>)SiO<sub>3</sub>  
**NameStrings:** Bengtson, A.1 Persson, K. Morgan, D.  
**Source:** Earth and Planetary Science Letters 265(3-4), 535-45.  
**Year:** 2008

physics  
citation

### Keywords

ab initio calculations density functional theory Earth mantle geochemistry high-pressure effects iron compounds magnesium compounds minerals ab initio calculation perovskite Earth lower mantle composition dependence iron spin transition pressure iron concentration ferropericlase iron structural environment Local Density Approximation Generalized Gradient Approximation exchange-correlation methods spin crossover MgFeSiO<sub>3</sub>

## two potential authors at UW-Madison

Dane D Morgan



### Groups

- College of Engineering
- Engineering Physics

Certainty

0

1 possible  
2 candidates

Verify | Deny

certainty begins  
at zero

David O Morgan



### Groups

- College of Letters and Science
- History

Certainty

0

1 possible  
2 candidates

Verify | Deny

verify correct  
author

## ADMIN::Contributions

- Ab initio study of oxygen-vacancy ordering in oxygen conducting Ba<sub>2</sub>In<sub>2</sub>O<sub>5</sub>  
NameStrings: Yueh-Lin Lee Morgan, D.1  
Source: Unknown (), 71-6.  
Year: 2006

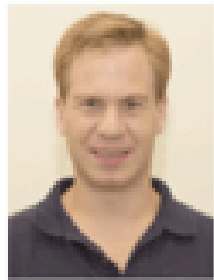
physics  
citation

## Keywords

ab initio calculations barium compounds Monte Carlo methods order-disorder transformations thermodynamic properties vacancies (crystal) ab initio simulation oxygen-vacancy ordering oxygen conducting Ba<sub>2</sub>In<sub>2</sub>O<sub>5</sub> Monte Carlo simulation cluster expansion first-order orthorhombic-tetragonal phase transition second-order tetragonal-cubic phase transition O(3) plane O(2) plane Ba<sub>2</sub>In<sub>2</sub>O<sub>5</sub> - System

certainty begins to climb

Dane D Morgan



## Groups

- College of Engineering
- Engineering Physics

Certainty

1

1 possible  
2 candidates

Verify | Deny

verify correct  
author

David O Morgan



## Groups

- College of Letters and Science
- History

Certainty

0

1 possible  
2 candidates

Verify | Deny



## ADMIN::Contributions

- High-throughput and data mining with ab initio methods  
**NameStrings:** Morgan, D.1 Ceder, G.1 Curtarolo, S.  
**Source:** Measurement Science & Technology 16(1), 296-301.  
**Year:** 2005

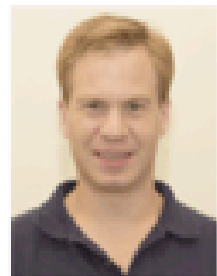
physics  
citation

### Keywords

ab initio calculations chemistry computing computational complexity data mining physics computing very large databases ab initio methods high-throughput computation robust methods computational screening crystal structure prediction iterative algorithm computational speed large databases

## certainty climbing

### Dane D Morgan



#### Groups

- College of Engineering
- Engineering Physics

Certainty

9

1 possible  
2 candidates

Verify | Deny

verify correct  
author

### David O Morgan



#### Groups

- College of Letters and Science
- History

Certainty

0

1 possible  
2 candidates

Verify | Deny

## ADMIN::Contributions

- Thermodynamics of spinel  $\text{Li}_x\text{TiO}_2$  from first principles

**NameStrings:** Wagemaker, M.1 Van Der Ven, A. Morgan, D. Ceder, G. Mulder, F.M. Kearley, G.J.

**Source:** Chemical Physics 317(2-3), 130-6.

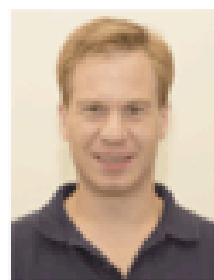
**Year:** 2005

physics  
citation

### Keywords

Generalized Gradient Approximation Monte Carlo methods thermodynamic properties Monte Carlo simulation cluster expansion Crystal structure chemical potential electrochemical electrodes ground states lithium compounds pseudopotential methods secondary cells solid solutions  $\text{Li}_x\text{TiO}_2$  spinel thermodynamics first principles study structural properties cluster expansion method pseudopotential ground state energy calculations GGA configurational thermodynamics Li configuration insertion potential Li composition two-phase region crystallographic site occupation unit cell dimension change X-ray diffraction experiment neutron diffraction experiment  $\text{Li}_x\text{TiO}_2$  solid solution behavior Li extraction potential step calculation Co spinel Mn-spinel electrode material battery material 300 K  $\text{Li}_x\text{TiO}_2$

### Dane D Morgan



#### Groups

- College of Engineering
- Engineering Physics

Certainty

29

1 possible  
2 candidates

Verify | Deny

we know more  
and more about  
Dane D Morgan

verify correct  
author

### David O Morgan



#### Groups

- College of Letters and Science
- History

Certainty

0

1 possible  
2 candidates

Verify | Deny

## ADMIN::Contributions

- 'Infidel'

NameStrings: Morgan,D.

Source: Tls-the Times Literary Supplement (5427), 33-33.

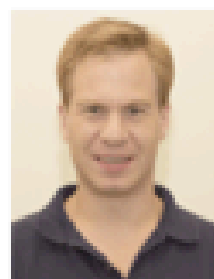
Year: 2007

humanities  
citation

### Keywords

Humanities, Multidisciplinary

### Dane D Morgan



#### Groups

- College of Engineering
- Engineering Physics

Certainty

25

1 possible  
2 candidates

Verify | Deny

our algorithm  
falsely suggests  
Dane D Morgan may  
have written this...  
it's not perfect

### David O Morgan



#### Groups

- College of Letters and  
Science
- History

Certainty

0

1 possible  
2 candidates

Verify | Deny

really David O Morgan  
wrote this paper

## ADMIN::Contributions

- Eurasian transformations, tenth to thirteenth centuries: Crystallizations, divergences, renaissances.  
NameStrings: **Morgan,D.**  
Source: Speculum-J.Mediev.Stud. 82(1), 158-159.  
Year: 2007

humanities  
citation

Keywords

Medieval & Renaissance Studies

David O Morgan



Groups

- College of Letters and Science
- History

Certainty

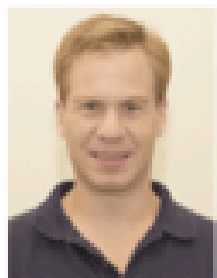
50

1 possible  
2 candidates

Verify | Deny

David O Morgan  
floats to top

Dane D Morgan



Groups

- College of Engineering
- Engineering Physics

Certainty

25

1 possible  
2 candidates

Verify | Deny

## ADMIN::Contributions

- Famous tatars (Central Asia)

NameStrings: **Morgan,D.**

Source: Tis-the Times Literary Supplement (5324), 15-15.

Year: 2005

humanities  
citation

### Keywords

Humanities, Multidisciplinary

### David O Morgan



#### Groups

- College of Letters and Science
- History

Certainty

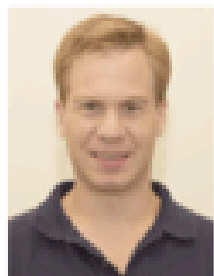
**75**

1 possible  
2 candidates

**Verify** | Deny

we know more  
and more about  
David O Morgan

### Dane D Morgan



#### Groups

- College of Engineering
- Engineering Physics

Certainty

**25**

1 possible  
2 candidates

Verify | Deny

## ADMIN::Contributions

- Tamerlane: Sword of Islam, conqueror of the world  
NameStrings: Morgan,D.  
Source: Tls-the Times Literary Supplement (5313), 6-7.  
Year: 2005

humanities  
citation

### Keywords

Humanities, Multidisciplinary

### David O Morgan



#### Groups

- College of Letters and Science
- History

Certainty

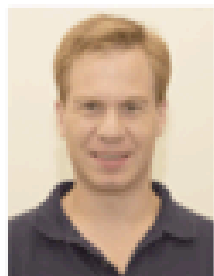
100

1 possible  
2 candidates

Verify | Deny

We're pretty good  
at identifying  
David O Morgan  
citations now.

### Dane D Morgan



#### Groups

- College of Engineering
- Engineering Physics

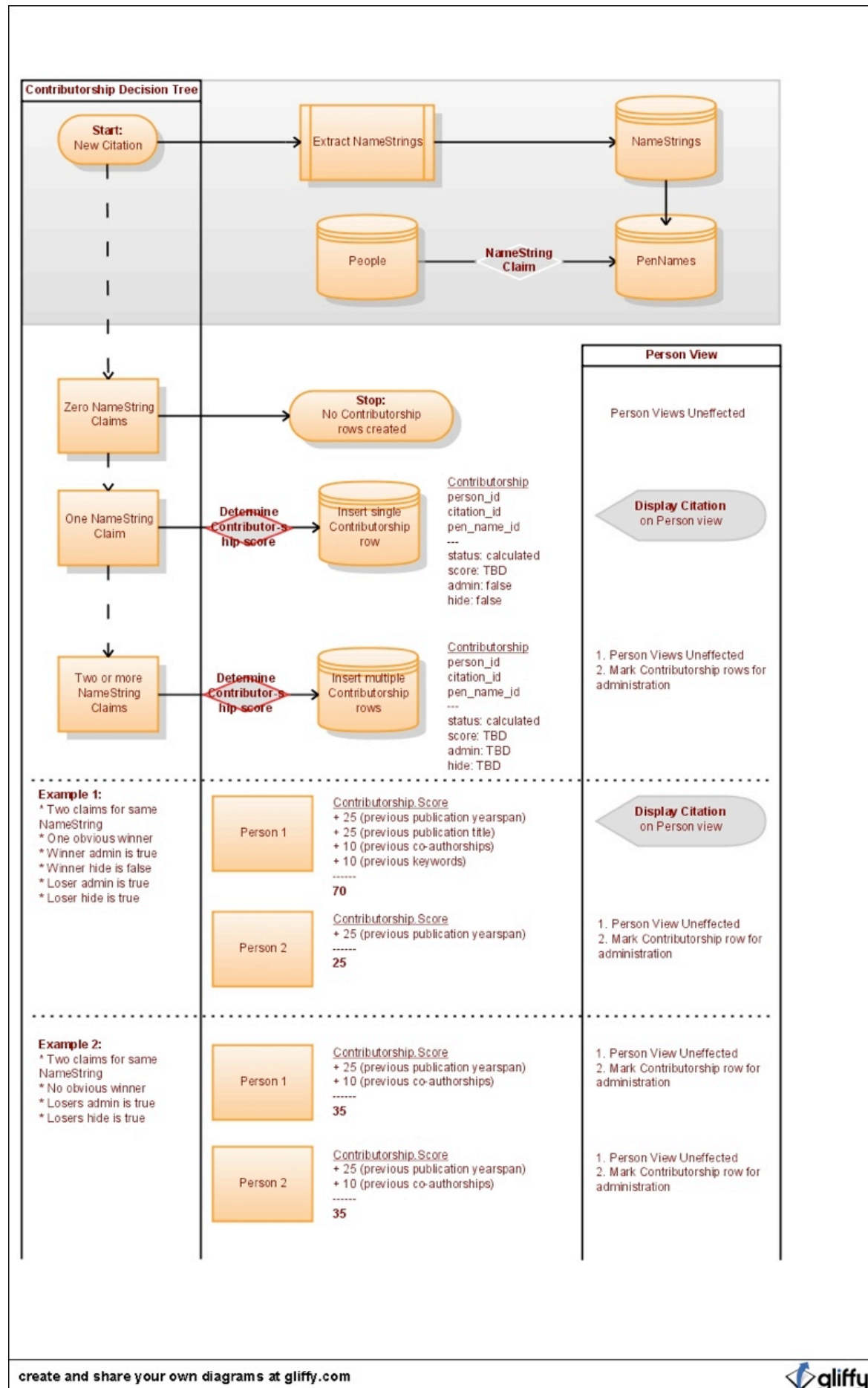
Certainty

25

1 possible  
2 candidates

Verify | Deny

[Visit the BibApp wiki](#) to read more about our simple author disambiguation process.



# OpenURLs



# IP “aware” OpenURLs

Cheers to Ross Singer and Ed Summers

# IP “aware” OpenURLs

Cheers to Ross Singer and Ed Summers

**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley, A.K. Trethewey, J.S. Ellis, A.B. Crone, W.C.

*Nano Letters* (2004)

Find It at UW Madison



# IP “aware” OpenURLs

Cheers to Ross Singer and Ed Summers

**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley,A.K. Trethewey,J.S. Ellis,A.B. Crone,W.C.

*Nano Letters* (2004)

Find It at UW Madison



**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley,A.K. Trethewey,J.S. Ellis,A.B. Crone,W.C.

*Nano Letters* (2004)

Discover UIUC Full Text



# IP “aware” OpenURLs

Cheers to Ross Singer and Ed Summers

**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley,A.K. Trethewey,J.S. Ellis,A.B. Crone,W.C.

*Nano Letters* (2004)

Find It at UW Madison



**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley,A.K. Trethewey,J.S. Ellis,A.B. Crone,W.C.

*Nano Letters* (2004)

Discover UIUC Full Text



**Magnetic manipulation of copper-tin nanowires capped with nickel ends**

Bentley,A.K. Trethewey,J.S. Ellis,A.B. Crone,W.C.

*Nano Letters* (2004)

InfoLink





## OCLC OpenURL Resolver Registry

**Note:** The OpenURL Resolver Registry is now part of the [WorldCat Registry](#). Institutions inside and outside the OCLC cooperative should register their resolver information there.

### Goal

OCLC is providing a service for individuals and information partners to maintain OpenURL resolver information in a single location and utilize this information across services in the information industry. OCLC will maintain this registry and provide partners with controlled access to this data to facilitate an improved linking experience for the user. OCLC is committed to delivering OCLC services and library collections at the point of need, meeting the user wherever he or she is searching for information.

### Description

The registry includes an OpenURL Resolver Registry for user input of resolver data and a gateway which can redirect OpenURLs to registered resolvers based on the requester's IP address. The registry contains data from the OCLC FirstSearch administrative module and user contributions.

Users searching for information on a partner's site, for example, a web search engine, will find an item and click a link to the gateway including an OpenURL to be taken directly to an OpenURL resolver maintained by their home library. The home library's collection is then surfaced on the open web and the user finds the information he or she needs.

# Implementation

# Installation

# Installation...

- Some Technology know-how required
- Prerequisites:
  - Ruby, RubyGems
  - Java (for Solr)
  - MySQL / Postgres
  - A few gems...
- Download 0.7 now!





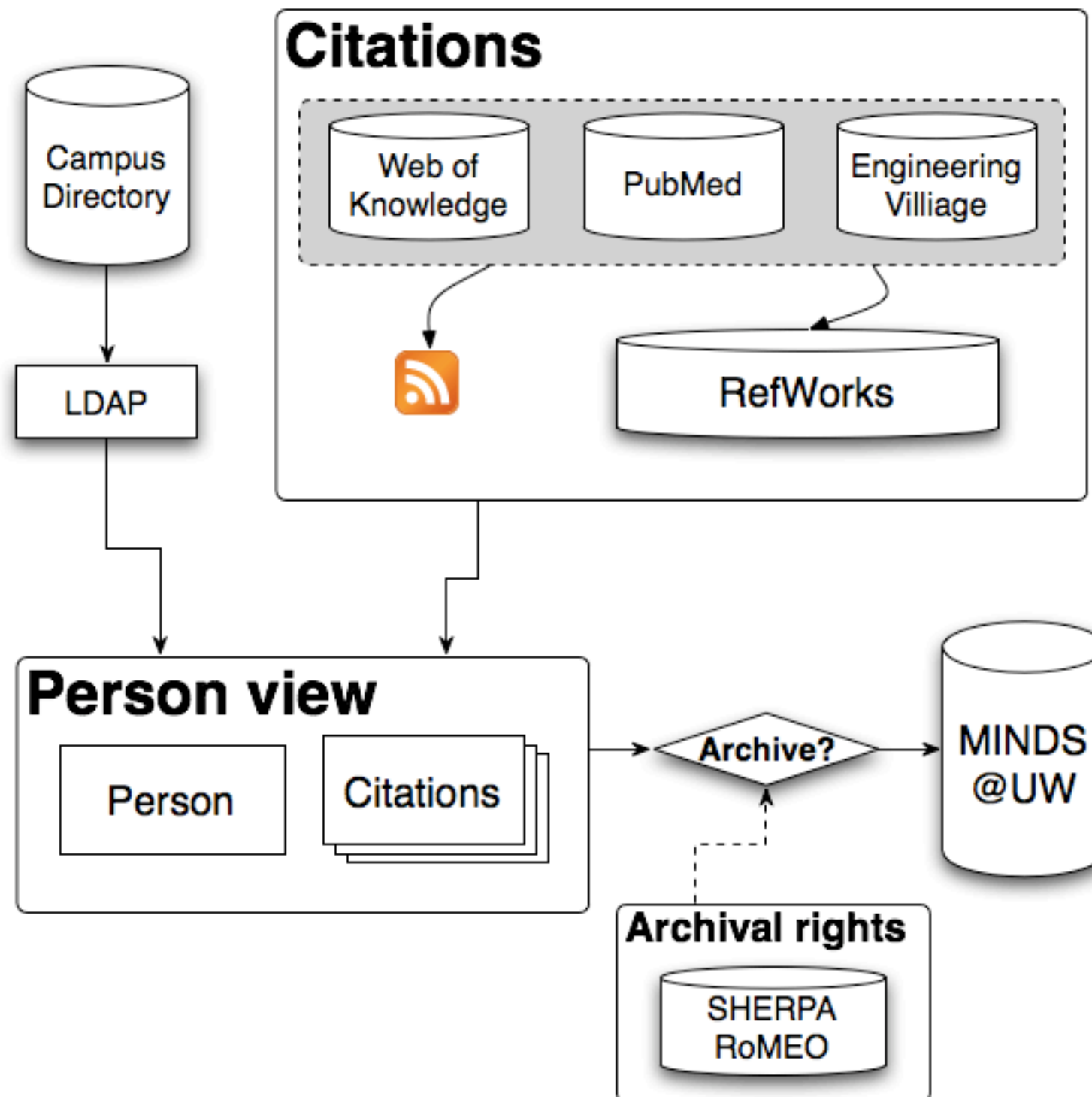
# Configuration...

- database.yml\*  
- ldap.yml
- personalize.rb\* 
- smtp.yml\* 
- solr.yml\* 
- sword.yml 

\* = REQUIRED

# **Adding Citations**

# BibApp data flow



# Costs at UW-Madison






















- Data for College of Engineering
- Bulk citation capture:
  - 30 hours, librarian
  - 80 hours, student
- Bulk paper capture:
  - 70 hours, student
- Ongoing (estimate):
  - 2 hours/week, librarian
  - 2 hours/week, student



[Add](#) | [Edit](#) | [Options](#)

49 feeds

[Mark All Read](#)

- +  Allie, Mark | 4280
- +  Anderson, David | 9676
- +  Barmish, B | 14625
- +  Blick, Robert | 18130
- +  **Booske, John** | **13036** (1) (7)
- +  Boston, Nigel | 14796 (0) (2)
- +  **Botez, Dan** | **10057** (1) (4)
- +  Bucklew, James | 3078
- +  **Cerrina, Francesco** | **7155** (1)
- +  **Cobb, Daniel** | **2091** (2)
- +  **Compton, Katherine** | **5934** (1)
- +  DeMarco, Christopher | 19978
-  Dobson, Ian | 13034 (0) (2)
  -  EV (0) (1)
  -  PMC (0) (1)
- +  Gubner, John | 5214
- +  Hagness, Susan | 10923 (0) (14)
- +  Hiskens, Ian | 15196 (0) (1)
- +  Hitchon, William | 13534
- +  Hu, Yu | 7185
- +  Jahns, Thomas | 2581 (0) (5)

Welcome ece@wendtlibrary.org

[Forums](#) [Search](#)

1 sub

((((((dobson, i) WN AU) AND ((wi\*  
{dobson i} WN AU))

Engineering Village RSS results for  
((((((dobson, i) WN AU) AND ((wi\*

1 Item | Updated: Wed, Dec 13 2006

[Criticality in a cascading](#)

Posted on: Thu, Nov 16 2006 11:11

Display items with

Hotkeys: **j** - next article |  
**s** - next sub **f** - next folder  
**O** - open article

[Home](#) | [About](#) | [Help](#) | [Languages](#) |

Copyright © 2007

**Partner Sites:** [Citysearch](#) | [C](#)  
[Alsto's](#) | [Sally](#)

## Sustainability via RSS Feeds

*UW-Madison COE  
40-60 new citations a  
week.*

*Staff cost? One hour  
a week.*

# Demo #2

# Demo Items

- \* Login

- Sign Up (probably disable on your campus)

:Tim

:Tail (?)

- Forgot Password

- Remember Me (cookies)

- Login as System Admin

- Point out Flash notices

- Point out "Admin" link on global-nav

- \* Add Citations (ECE department)

- Add a batch of citations (can also do cmd line)

- Display single citation entry forms

: Show Author | Publication | Publisher lookups

# Transition "added citations, but haven't mapped them to People"

- \* Add a Person (prep person / data)

- PenNames (describe what's happening, future added citations)

- Groups / Memberships

- Contributorships (manage a few)

- Archival Analysis (explain)

- \* SWORD - Add Files

- Citation / Archive Research

- IEEE paper

- Deposit License - Checkbox

- \* Manage Roles

- ECE group

- Add Editor

- \* Admin Controller

- Prepare files for archiving

- Verify / Deny contributorships

# Roadmap



# Roadmap

- **Version 0.8 – Aug '08**
  - Enhancements, upgrades (Rails 2.1)
  - Tagging, Citation Widgets, Highlighting
- **Version 0.9 – Oct '08**
  - Export citation styles
  - More input/export formats
  - Themes, FOAF Relationships
- **Version 1.0 – Dec '08**
  - Publicly tested / stable



# Beyond 1.0

- Input from interested parties...
- Grant funding?
- Help us now:
  - Feedback / Input
  - Feature Requests
  - Programming help?
- Join Google Group
  - <http://groups.google.com/group/bibapp>



**bibapp**

Find the experts on your campus ... Promote their research ... Archive their work

Search Projects

Search the Web

[Project Home](#)[Downloads](#)[Wiki](#)[Issues](#)[Source](#)[Administer](#)

## What is BibApp?

The BibApp is a Campus Research Gateway and Expert Finder.

Join us at JCDL 2008 in Pittsburgh, PA for our [BibApp tutorial!](#)

BibApp lets you:

- find experts and current collaborations happening on your campus
- promote the research of a department, school, or research group
- increase the impact of campus research
- easily reuse publication data

BibApp matches researchers on your campus with their publication data and allows you to mine the data to see collaborations and to find experts in research areas. BibApp makes it easy to see what publications can be archived for greater access and impact and makes it easy to push those publications directly into an institutional or other repository.

## What are the benefits of BibApp?

For **researchers**, BibApp allows you to:

- promote your research
- find collaborators on campus
- make your research more accessible
- reuse your publication history in other applications

For **research groups, departments, and schools**, BibApp allows you to:

- promote the range of research in your unit
- understand the collaborations happening within your unit and others on campus
- make the research of your unit more accessible

**License:** [GNU General Public License v2](#)

**Labels:** [citations](#), [archive](#), [repository](#), [mashup](#), [rubyonrails](#), [restful](#), [ruby](#), [rails](#), [library](#), [bibapp](#)

**Featured Downloads:**

[Show all](#)

↓ [bibapp-0.4.zip](#)

**Groups:** [General Discussion](#)

**Project owners:**

[ewlarsen](#), [njvack](#), [tim.donohue](#),  
[matt.cordial](#), [dorothea.salo](#), [sshreeves](#)

**Project members:**

[electricwarrior7](#)

# thanks

University of  
Wisconsin - Madison

Eric Larson  
Dorothea Salo  
Allan Barclay  
Rebecca Holz  
Nathan Vack

University of  
Illinois at Urbana Champaign

Sarah Shreeves  
Tim Donohue  
Matt Cordial

**Future**

$$1 + 1 = 2$$

1 bibbapp  
+2 bibbapp

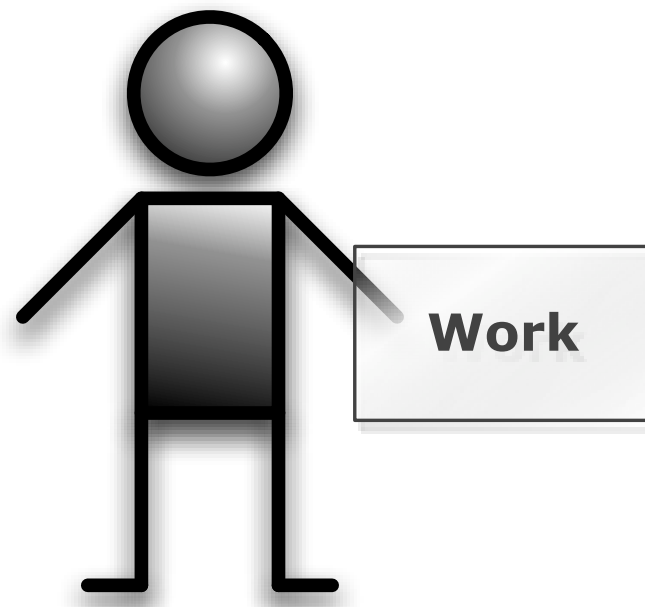
---

bibbapp

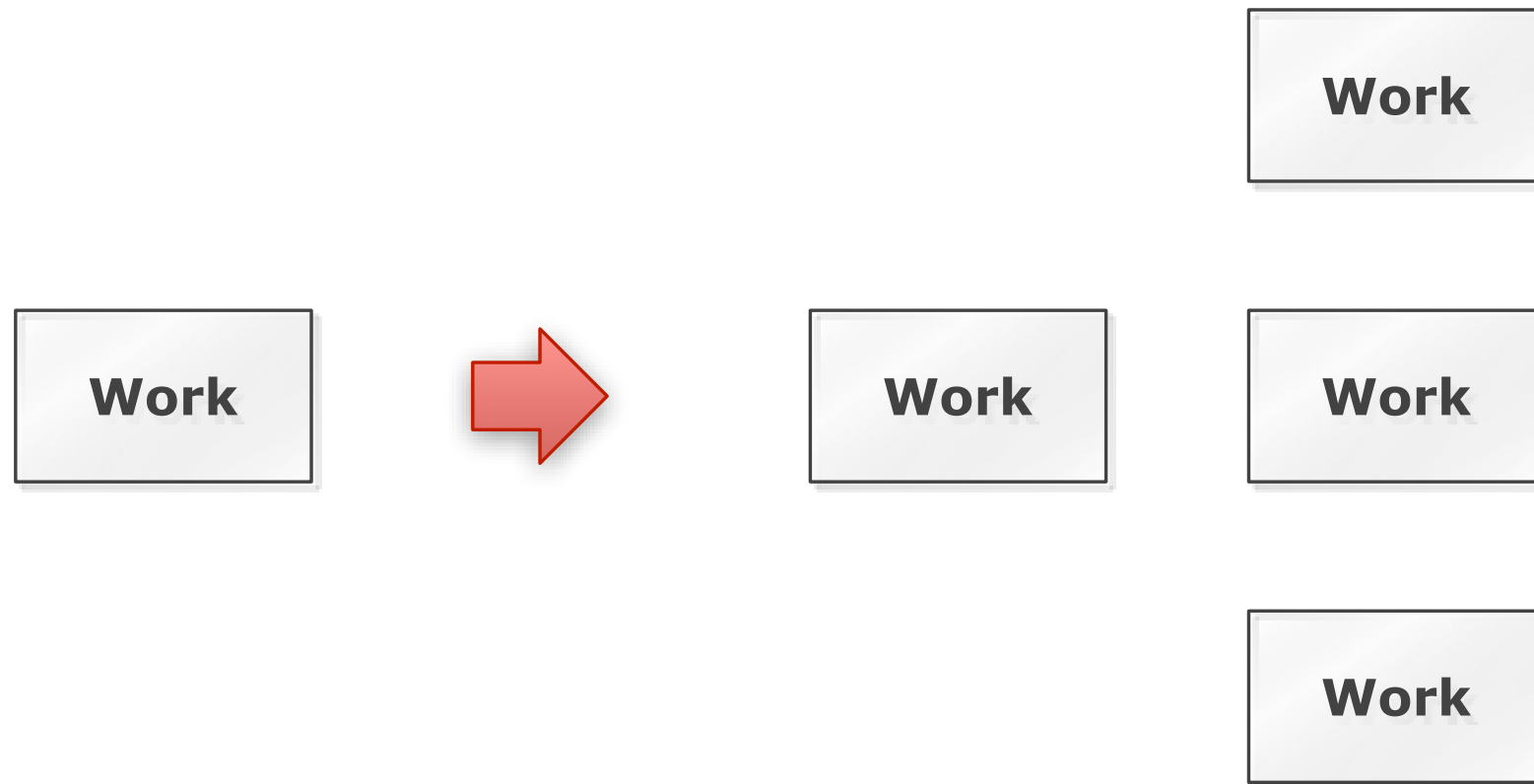
# Identity



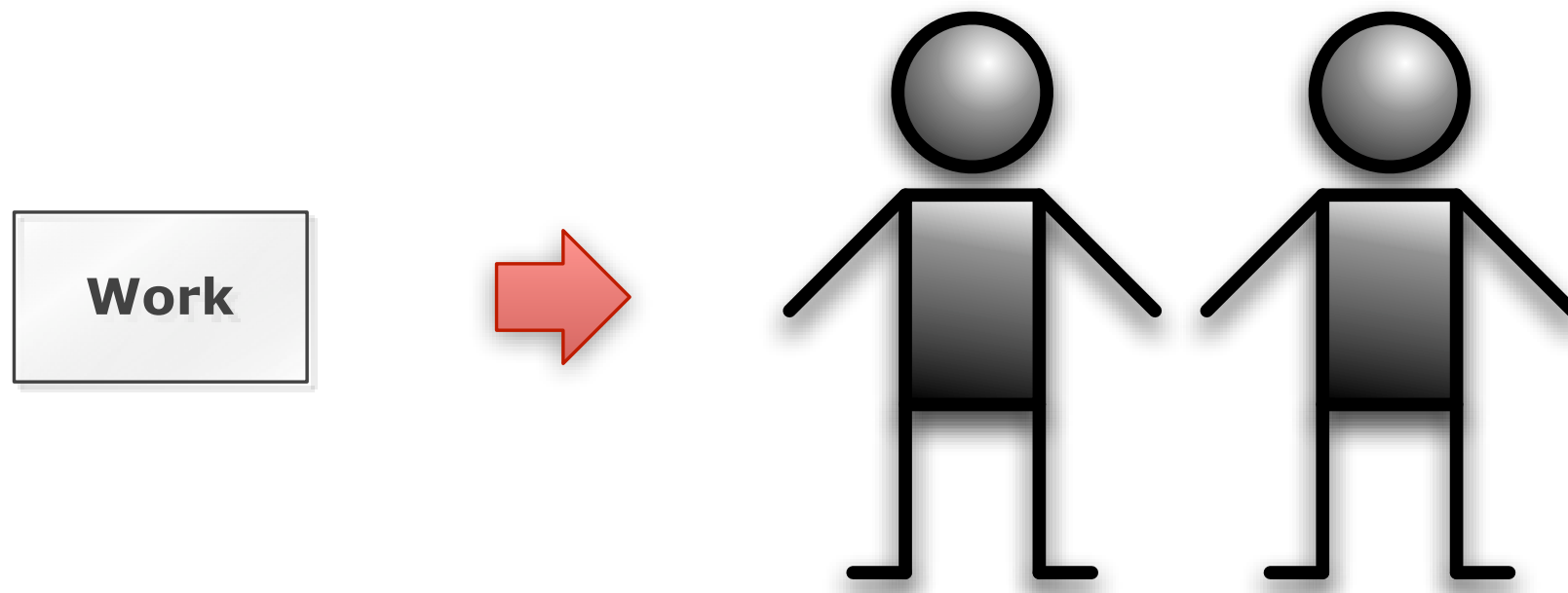
# People create Work



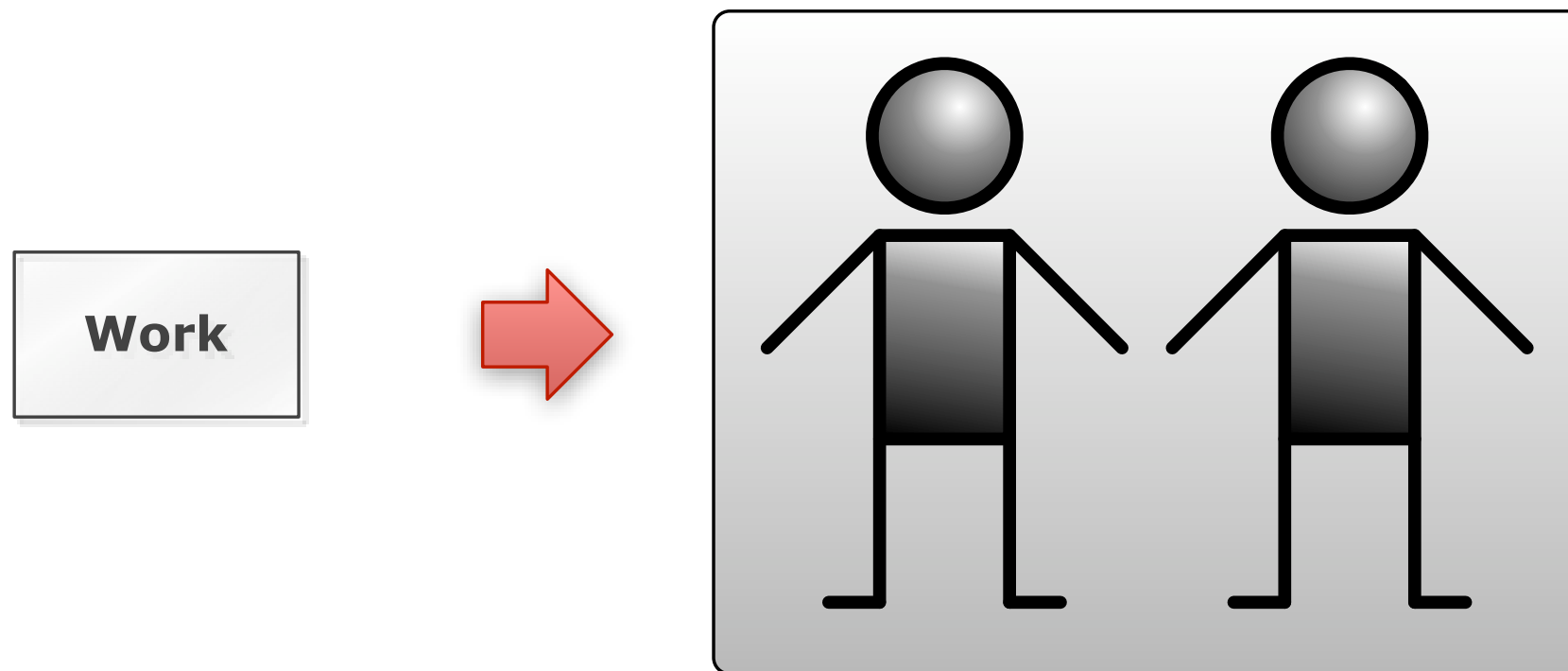
# Work cites Work



# But, Work *\*is\** People



# Who are these People?



# people

**Vlahos, V., Morgan, D., & Booske, J.H.**  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

**Work**

~~people~~

**Vlahos, V., Morgan, D., & Booske, J.H.**  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

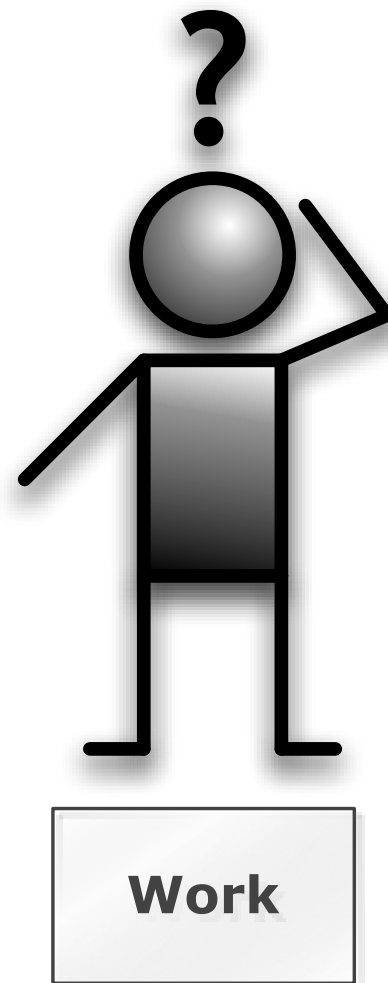
**Work**

# name strings

Vlahos, V., Morgan, D., & Booske, J.H.  
(2007). Ab-initio Study of the Effects of Thin  
CsI coatings on the Work Function of  
Graphite Cathodes, *Applied Phys. Lett.* 91,  
144102.

Work

# Who are these NameString-y People?





## Work

Vlahos, V., Morgan, D., & Booske, J.H. (2007). Ab-initio Study of the Effects of Thin CsI coatings on the Work Function of Graphite Cathodes, *Applied Phys. Lett.* 91, 144102.

[» Toggle Table of Contents](#)

[ [Back to the WING home page](#) ] [ [Back to ForeCite/CiteSeer web services](#) ]  
[ [Download](#) ] [ [Web Service](#) ] [ [Web-based Demonstration](#) ] [ [Publications](#) ] [ [Gold Standard Input and Sample Output](#) ] [ [Group Members](#) ]  
[ [Troubleshooting](#) ]



# ParsCit: An open-source CRF Reference String Parsing Package

This is the home page of the ParsCit project, which performs reference string parsing. It is architected as a supervised machine learning procedure that uses Conditional Random Fields as its learning mechanism. You can download the code below, parse strings online, or send batch jobs to our web service (coming soon!). The code contains both the training data, feature generator and shell scripts to connect the system to a web service

(used here too).

Some definitions (thanks to Robert Dale):

## Reference String:

A text string in the bibliography or reference section of a work, usually at the end of the document that refers to a unique document. Usually occurs with other reference strings that point to other documents. May also appear as footnotes.

```
{-
  "citation": {-
    "name_strings": [-
      {-
        "name_string": "Vlahos, V.", -
      }, -
      {-
        "name_string": "Morgan, D.", -
      }, -
      {-
        "name_string": "Booske, J.H.", -
      }, -
    ], -
    "title": "Ab-initio Study of the Effects of Thin CsI coatings on the Work Function of Graphite Cathodes", -
    "date": "2007", -
    "volume": "91", -
    "journal": "Applied Phys. Lett", -
    "pages": "144102" -
  }
}
```

Is this NameString familiar?



The logo for BibApp is displayed inside a white cloud shape. The word "bib" is in red, "app" is in black, and the final "p" is in red. The letters are stylized and bold.

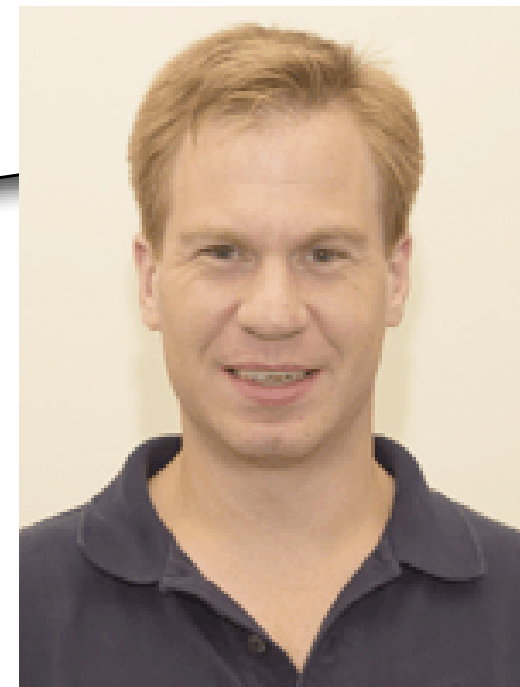
# bibapp

```
{-  
  "citation": {-  
    "name_strings": [-  
      {-  
        "name_string": "Vlahos, V.", -  
      }, -  
      {-  
        "name_string": "Morgan, D.", -  
      }, -  
      {-  
        "name_string": "Booske, J.H.", -  
      }, -  
    ] -  
  } -  
}
```

Hey BibApp, who is this?

# blattp

I'm about 75% sure...



**Dane D Morgan**  
Engineering